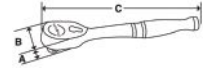


RATCHETS



Dual 80® Technology Ratchets (3/8")

Stop, Turn and Listen. A smoother, stronger ratchet. Try them to believe them.

Dual 80® Technology Ratchets Feature:

- 80-tooth gear
- Seven teeth in contact with gear to provide strength and durability

Set Contains:

20ART03FR**†
20ART01FR**†

Stock No.	Description	Gear Teeth	Swing Arc	A	B	C		
FK80***	Stubby Handle Ratchet	80	4.5	9/16	1-1/4	4-3/16	•	•
F80	Standard Handle Ratchet	80	4.5	9/16	1-1/4	7-7/16	•	
GF80	Standard Industrial Handle Ratchet	80	4.5	9/16	1-1/4	7-7/16		
FL80	Long Handle	80	4.5	9/16	1-1/4	10-5/16	•	
FLL80	Extra-Long Handle	80	4.5	9/16	1-1/4	17-1/2	•	
F80MP	Multi-Position Head Ratchet	80	4.5	9/16	1-1/4	11		
FH80†	Red Soft-Grip Ratchet	80	4.5	9/16	1-1/4	9-1/2		•
FHL80†	Long Soft Grip Handle	80	4.5	9/16	1-1/4	12-1/2		•
FHLL80†	Extra-Long Soft Grip Handle	80	4.5	9/16	1-1/4	18-3/4		•
FH80MP†	Multi-Position Head Ratchet	80	4.5	9/16	1-1/4	12-1/4		

†Sets shown include foam organizer

***ASME®/ANSI® B107.10 with exception of the length

ASME®/ANSI® B107.10

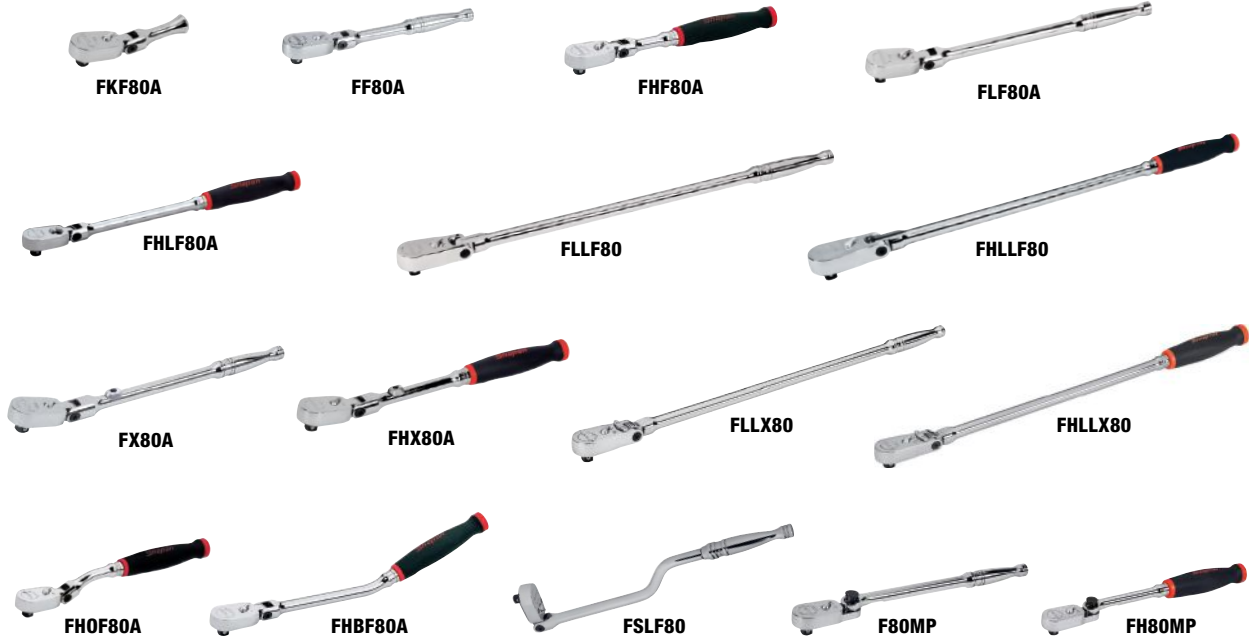
Colors Available



Red Orange Green

† O G

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.



Dual 80® Technology Flex-Head Ratchets (3/8")

- **LOW HEIGHT:** Snap-on® sockets and ratchets together have the lowest height on the market; improved accessibility in constrained spaces
- **FLEXIBLE:** Screw-style joint design; repairable, adjustable, maximizes joint strength
- **DURABLE:** Made with special alloy steel; nickel-chrome plated; corrosion-resistance and strength for longer life
- **LEVERAGE:** Long contoured handle; comfortable with increased leverage
- **LASTING:** Sealed head; keeps dirt out and lubricants in; longer life
- **DUAL 80® TECHNOLOGY:** Dual pawls and 80-tooth gear; smaller ratcheting arc and more power in less lateral space
- **ACCESSIBILITY:** 80-tooth gear requires less arc to engage the next gear tooth; gets into tight spaces
- **POWERFUL:** Dual pawls; seven teeth in contact with the gears; smooth and powerful turning force

Set Contains:
 204RT02FR†
 204RT04FR†

Stock No.	Description (Chart)	Gear Teeth	Swing Arc	A	B	C		
FKF80A*†	Stubby Handle Flex-Head Ratchet	80	4.5	9/16	1-1/4	4-3/4	•	•
FF80A	Standard Handle Flex-Head	80	4.5	9/16	1-1/4	8-3/8	•	
FHF80A†	Soft-Grip Standard Flex-Head Ratchet	80	4.5	9/16	1-1/4	10-3/8		•
FLF80A	Long Handle, Flex-Head	80	4.5	9/16	1-1/4	11-1/2	•	
FHLF80A	Long Soft Grip Handle Flex Head	80	4.5	9/16	1-1/4	13-11/16		•
FLLF80	Extra-Long Handle Flex-Head	80	4.5	11/16	1-3/4	18	•	
FHLLF80	Extra-Long Soft Grip Handle, Flex-Head	80	4.5	11/16	1-3/4	19-1/2		•
FX80A**	Standard Handle Locking Flex-Head Ratchet	80	4.5	9/16	1-1/4	11-1/2		
FHX80A	Red Soft-Grip Locking Flex-Head Ratchet	80	4.5	9/16	1-1/4	11-15/16		
FLLX80	Extra-Long Handle	80	4.5	11/16	1-3/4	20		
FHLLX80	Extra-Long Soft Grip Handle	80	4.5	11/16	1-3/4	20		
FHOF80A	Red Soft-Grip Offset Flex-Head Ratchet	80	4.5	9/16	1-1/4	9-15/16		
FHBF80A†	Soft-Grip Bent Handle Flex-Head Ratchet	80	4.5	9/16	1-1/4	13-3/8		
FSLF80	Speeder Handle Flex Head	80	4.5	9/16	4-7/8	1-7/8		
F80MP	Multi-Position Head Ratchet	80	4.5	9/16	1-1/4	11		
FH80MP	Multi-Position Head Ratchet	80	4.5	9/16	1-1/4	12-1/4		

*Sets shown include foam organizer
 †Uses RKRFLF80AJT Flex Joint Repair Kit

**Uses RKRFLF80AJT Flex Joint Repair Kit and RKRFX936ALM Locking Mechanism Repair Kit



- Do not use "cheater bars" on handles.
- Do not immerse sealed ratchet in fluids.
- Do not replace worn parts individually; use entire contents of the service kit.
- Read Safety Precautions on pages W1-W4

Colors Available



† O G
 ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.

RATCHETS



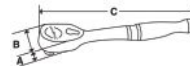
FC72



FCF72

Dual 80® Technology Compact Head Ratchets (3/8")

- Compact head design offers greater accessibility
- Swivel head ratchets provide a variety of ratcheting positions



Stock No.	Description	Gear Teeth	Swing Arc	A	B	C
FC72	Compact Head Ratchet	72	5	7/16	15/16	4-7/16
FCF72	Compact Flex-Head	72	5	7/16	15/16	6-1/4

ASME®/ANSI® B107.10



FR80



FHR80



FRL80



FRL80



FRLF80A



FHRLF80A



FRLLF80



FHRLLF80



FRX80A



FHRX80A



FRSLF80

Quick-Release Ratchets (3/8")

3/8" Drive Dual 80® Technology Standard Handle Quick-Release Ratchet

- Quick-release has a positive locking feature to hold socket/accessory securely in place when needed and push button for easy removal even with greasy or oily hands
- Contoured handle for comfort and control
- Chrome finish for easy cleanup

- 80-tooth gear
- Seven teeth in contact with gear to provide strength and durability
- Up to 25% less ratcheting arc to engage the next gear tooth
- Sealed head helps keep dirt and other contaminants out of the head mechanism

Stock No.	Description	Gear Teeth	Swing Arc	A	B	C
FR80	Standard Handle, Quick-Release	80	4.5	9/16	1-1/4	7-7/16
FHR80*	Standard Soft-Grip Handle, Quick-Release	80	4.5	9/16	1-1/4	9-9/16
FRL80	Long Handle, Quick-Release Flex-Head	80	4.5	9/16	1-1/4	10-3/8
FRL80	Extra-Long Handle Quick-Release	80	4.5	9/16	1-1/4	17-1/2
FRLF80A	Long Handle, Quick-Release Flex-Head	80	4.5	9/16	1-1/4	11-1/2
FHRLF80A*	Long Soft Grip Handle Quick-Release Flex Head	80	4.5	9/16	1-1/4	13-11/16
FRLLF80	Extra-Long Handle Flex-Head Quick-Release	80	4.5	11/16	1-3/4	18
FHRLLF80*	Extra-Long Soft Grip Handle, Flex-Head	80	4.5	11/16	1-3/4	19-1/2
FRX80A	Standard Handle, Quick-Release Locking Flex-Head	80	4.5	9/16	1-1/4	11-3/8
FHRX80A*	Standard Soft Grip Handle, Quick-Release Locking Flex-Head	80	4.5	9/16	1-1/4	11-15/16
FRSLF80	Speeder Handle Quick-Release Flex-Head	80	4.5	5/8	1-1/4	13-3/4

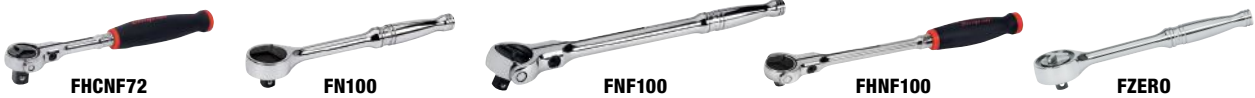
ASME®/ANSI® B107.10

Colors Available



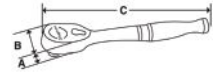
Red Orange Green
* O G

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.



Round Head Ratchets, Chrome (3/8")

Snap-on® Round Head Ratchets feature up to 100 teeth to achieve the lowest possible swing arc. Slim design is perfect for the tightest of space constraints.



Stock No.	Description	Gear Teeth	Swing Arc	A	B	C
FHCNF72*†	Compact Round Head Soft Grip Swivel	72	5	7/16	1-1/4	6-7/8
FN100	Round Head Ratchet	100	3.6	11/16	1-3/4	7-7/8
FNF100	Round Swivel Head Ratchet	100	3.6	11/16	1-3/4	10-1/4
FHN100**†	Red Soft-Grip Swivel-Head Ratchet	100	3.6	11/16	1-3/4	12-1/2
FZERO	Gearless Round Head	0	0	5/8	1-1/2	7-1/2

*TH936-12 Soft Grip Replacement Handle

**FH80-12 Soft Grip Replacement Handle

ASME®/ANSI® B107.10

Colors Available



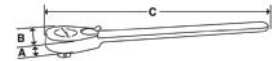
† O G
 ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.



Low-Profile Ratchets (3/8")

Dual 80® Technology Low-Profile Ratchet

- Square drive design works with low-profile sockets to access restricted clearance without loss of strength
- Use with standard 3/8" drive sockets or other attachments
- Thin handle cross section allows for increased accessibility in tight quarters
- Dual 80® Technology requires less arc to engage the next gear tooth
- Seven teeth in contact with gear to provide strength and durability

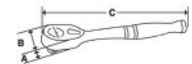


Stock No.	Description	Gear Teeth	Swing Arc	A	B	C
RAF80A	Low-Profile Ratchet	80	4.5	7/16	1-1/4	7-1/2

ASME®/ANSI® B107.10

FOD Ratchets (Foreign Object Damage) (3/8")

- For aviation and other critical applications where Foreign Object Damage prevention is crucial for success
- Designed to help prevent foreign object damage in sensitive work environments.
- The coverplate and reverse lever are permanently affixed to the ratchet head with rivets to prevent small parts debris
- Ratchets have the lowest profile and work with the shortest swing arc, providing better access to restricted areas



Stock No.	Description (Chart)	Gear Teeth	Swing Arc	A	B	C
F80FOD	Foreign Object Damage Ratchet, Standard Handle	80	4.5	9/16	1-1/4	7-7/16
GF80FOD	Industrial Handle Foreign Object Damage Ratchet	80	4.5	9/16	1-1/4	7-7/16
GFL80FOD	Long Industrial Handle Foreign Object Damage Ratchet	80	4.5	9/16	1-1/4	10-5/16

ASME®/ANSI® B107.10

Ratchet Adaptor, Chrome (3/8") F77A 3/8" Drive 20-Tooth Ratchet Adaptor

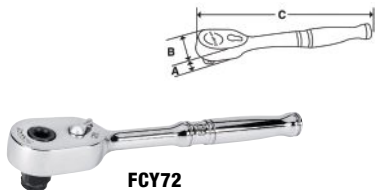


F77A

- Do not use "cheater bars" on handles.
- Do not disassemble FOD ratchet in workplace.
- Do not immerse sealed ratchet in fluids.
- Do not replace worn parts individually; use entire contents of the service kit.
- Frequently inspect, clean, and lubricate all nonsealed ratchet mechanisms with light oil.
- Read Safety Precautions on pages W1-W4



RATCHETS

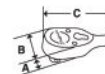


Hi-Lok® Fastener Ratchet (3/8")

3/8" Drive Dual 80° Technology Hi-Lok® Compact Head Ratchet

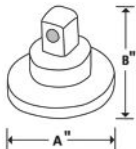
- Dual 80° Ratchet Technology features dual-pawls and a 72-tooth gear providing for more power in less lateral space
- Six teeth in full contact with gear to provide strength and durability
- A mere 5° ratcheting arc
- Sealed head helps keep dirt and other contaminants out of the head mechanism
- For use with standard or Hi-Lok® sockets

Stock No.	Description	Gear Teeth	Swing Arc	A	B	C
FCY72	Hi-Lok® Compact Head Ratchet	72	5	7/16	15/16	4-5/8



Specialty Ratchets (3/8")

Stock No.	Description (Chart)	Gear Teeth	Swing Arc	A	B	C
FZ80	Multi-Purpose Special Application Ratchet	36	10	5/8	1-3/16	3-1/4
PALMRAT	Palm Style Special Application Ratchet	20	18	1-3/16	—	2-5/8



Ratchet Spinners (3/8")

Stock No.	Description	A	B
FRS70A	Spinner Ratchet	1-1/4	1-9/32

ASME®/ANSI® B107.10



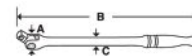
FSDR1

Ratchet Spinners (Blue-Point®) (3/8")

Stock No.	Description	A	B
FSDR1†	3/8" External Drive/1/4" Internal Square Drive Finger Ratchet (Blue-Point®)	1-1/8	1-7/16

ASME®/ANSI® B107.10

BREAKER BARS



Breaker Bars, Chrome (3/8")

Stock No.	Description	A	B	C
F12LB	3/8" Drive 11-9/16" Long Handle Breaker Bar	13/16	11-9/16	1/2
F18LA	3/8" Drive 18" Extra-Long Handle Breaker Bar	7/8	18	1/2
FHBB12A†	3/8" Drive 13" Soft Grip Handle Breaker Bar	13/16	13	1/2
FHBB18A†	3/8" Drive 17-1/2" Soft Grip Extra-Long Handle Breaker Bar	7/8	17-1/2	1/2

*ASME®/ANSI® B107.10

Colors Available



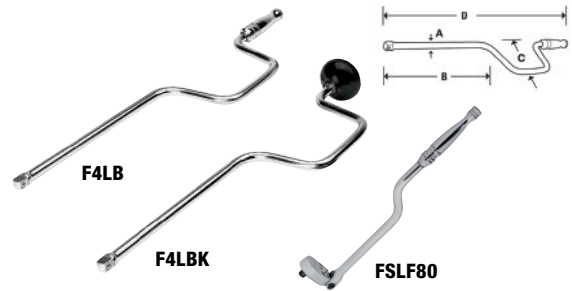
ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.

SPEEDERS

Speeders, Chrome

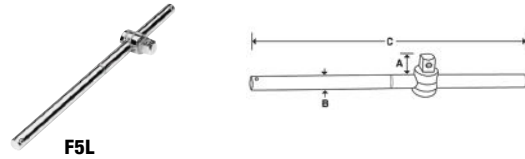
Stock No.	A	B	C	D
F4LB	13/32	7-7/8	3-1/2	17-27/32
F4LBK*	13/32	7-7/8	3-1/2	16-5/8
FSLF80	9/16	4-7/8	1-7/8	11-9/16

*Speeder with knob.



Sliding T-Handles, Chrome

Stock No.	A	B	C
F5L	3/4	13/32	8



Handled Drivers, Chrome

Stock No.	A	B	C
F40B	1/2	1	5-5/16
SGF50CR*†	1/2	5	10-7/16

*Instinct® handle does not have an internal square drive

Colors Available

● Red ● Orange ● Green
 † R O G
 ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.



DRIVE HANDLES

Extensions/Knurled

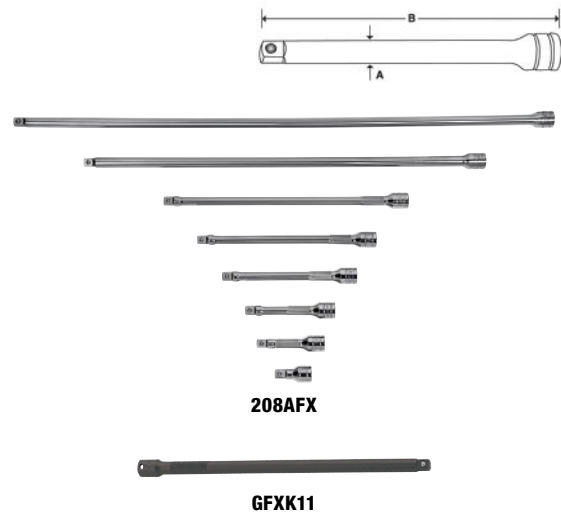
Knurled Extensions feature:

- Chamfered drive ends for easy engagement
- Small diameter shank for maximum accessibility
- Cold formed for robust performance and made from a single piece of steel
- Knurled shaft provides fingertip control

Stock No.	Industrial Stock No.	A	B	Set Contains:		
				206AFX*	208AFX*	209AFXAFR***
FX1**	GFX1**	1/2	1-1/2	•	•	•
FX2	—	31/64	2			
FXK3	GFXK3	13/32	3	•	•	•
FXK4	—	13/32	4	•	•	•
FXK6	GFXK6	13/32	6	•	•	•
FXK8	GFXK8	13/32	8	•	•	•
FXK11	GFXK11	13/32	11	•	•	•
FX12	—	1/2	12			
FX18	—	1/2	18		•	
FX24A	—	1/2	24		•	
FX36	—	1/2	36			
FU8A	—	2-1/16	—			•
A2A	—	3/8	1/2			•
—	GFAT1E	3/8	1/4			•

*Sets include foam organizer
**Not Knurled

Industrial finish products not included in sets.



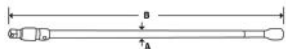
Colors Available

● Red ● Orange ● Green
 *** R O G
 ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.



- Do not use chrome or industrial finish hand tools with power drivers or impact drivers.
- Do not use "cheater bars" on handles.
- Pull, do not push on handle.
- Frequently inspect, clean, and lubricate all non-sealed ratchet mechanisms with light oil.
- Do not replace worn parts individually; use entire contents of the service kit.
- Do not use on or near live electrical circuits.
- Do not use adaptors with impact drivers. Do not exceed torque stamped on adaptor.
- †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

EXTENSIONS



204FXKLA

Extensions/Locking, Chrome

- Release socket from extension quickly and easily
- Knurling at drive end provides easy fingertip turning

Set Contains:

204FXKLA

Stock No.	A	B	
FXKL3A	1/2	3	•
FXKL6A	1/2	6	•
FXKL8A	1/2	8	
FXKL11A	1/2	11	•
FXKL12A	1/2	12	
FXKL24A	1/2	24	•

Set includes storage tray

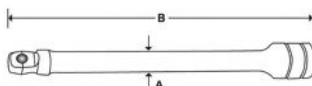
FXKLP 5 pk 3/8" Drive Locking Pins

- (5) locking pins for FXKL Series Extensions
- For use on GM® door strikers

FXKLRK 3/8" Drive Repair Kit For FXKL Series



206AFXW



206AFXWP

Extensions/Wobble, Chrome

- Wobble function provides 16° of additional accessibility
- Knurled shanks for easy fingertip turning

Set Contains:

206AFXW

Stock No.	A	B	
FXW1*	1/2	1-1/2	•
FXWK3	13/32	3	•
FXWK4	13/32	4	•
FXWK6	13/32	6	•
FXWK8	13/32	8	•
FXWK11	13/32	11	•

Set includes storage tray
*Not knurled

Extensions/Wobble Plus, Chrome

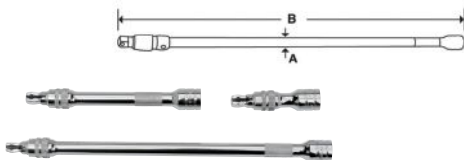
- **WOBBLE FUNCTION:** Provides 16° of additional accessibility; offset to clear obstruction; use in restricted areas
- **WOBBLE PLUS:** Usable in both wobble or rigid functions; two tools in one for more applications, saves time
- **STANDARD FUNCTION:** Provides extra reach when needed; for traditional rigid linear applications
- **DURABLE:** Special alloy steel; cold-forged; nickel-chrome plated; corrosion resistance and strength for longer life
- **CONTROL:** Knurled shank; for easy fingertip turning when working in tight quarters

Set Contains:

206AFXWP

Stock No.	A	B	
FXWP1*	1/2	1-1/2	•
FXWP3	13/32	3	•
FXWP4	13/32	4	•
FXWP6	13/32	6	•
FXWP8	13/32	8	•
FXWP11	13/32	11	•

Set includes storage tray
*Not knurled



203FXWKL

Extensions/Locking Wobble, Chrome

- Provides 16° of additional accessibility
- Quick-release locking sleeve provides secure connection and easy socket removal
- Knurled release collar for easy one-hand operation, even with slippery hands

Set Contains:

203FXWKL

Stock No.	A	B	
FXWKL3	1/2	3	•
FXWKL6	1/2	6	•
FXWKL11	1/2	11	•

Set includes storage tray

Extension Connectors, Chrome

FZ1 3/8" Drive Extension Connector

- 3/8" drive Extension Connector adds versatility to extensions, breaker bars, ratchets and crowfoot wrenches
- Connect one or more tools for a variety of ways to reach limited-access fasteners
- Use in automotive, aircraft, marine, heavy truck, plumbing and manufacturing applications



FZ1

FZ2 2 pc 3/8" Drive Extension Connector Set

- Female and male 90° connectors add versatility to extensions, breaker bars, ratchets and crowfoot wrenches when accessing hard-to-reach fasteners

Square Drive Adaptors

Stock No.	Industrial Stock No.	A	B	C	D
—	GFAT1E	3/8	1/4	11/16	1-1/4
—	GSAF1F	1/2	3/8	1-5/16	—
TA3	GTA3	1/4	3/8	1/2	15/16
A2A	GAF2A	3/8	1/2	47/64	1-5/16

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206EAU 6 pc 3/8" Drive Adaptor/Extension Set

- Includes (6) components in a tray—GFAT1E and A2A adaptors; FU8A universal joint and FX1, FXK3 and FXK6 extensions

1206GS 6 pc Combination Square Drive Adaptor Set

- Includes 1/4" drive GFAT1E and TA3, 3/8" drive A2A and GSAF1F, and 1/2" drive GLA12B and GLAS1E in a storage tray



206EAU

1206GS

Magnetic Adaptors, Chrome

Stock No.	A	B	C
FXM18	3/16	9/32	1-25/32
FXM112	5/16	9/32	1-25/32



FXM112

Universal Joints

Stock No.	Industrial Stock No.	A	B
FUL8A	—	3/4	3
FU8A	GFU8A	3/4	2-1/16
FU80B	—	3/4	1-3/4

ASME®/ANSI® B107.10

FUL8A 3/8" Drive 3" Locking Pin Universal Joint

- Locking pin for better socket retention

103UFTS 3 pc Combination Drive Universal Joint Set

- Includes (1) 1/4" Drive Universal Joint, (1) 3/8" Drive Universal Joint and (1) 1/2" Drive Universal Joint in storage tray



FUL8A

FU8A



GFU8A

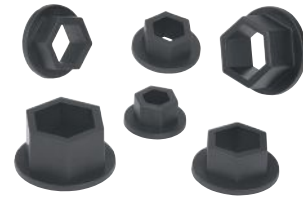
103UFTS

Non-marring Metric Socket Inserts

- Designed for use with Snap-on® 1/4" and 3/8" drive metric sockets
- Tough glass-reinforced nylon offers excellent strength yet will not damage soft metals, plated fasteners or powder-coated surfaces
- Large lip makes insert removal easy
- Set covers most popular metric sizes; inserts are marked for easy identification
- Do not use socket inserts with impact tools

Set Contains:

Stock No.	Fastener Size, mm	Socket Size, mm	Working Torque, in-lb	
PSCM1208	8	12	80	•
PSCM1410	10	14	155	•
PSCM1612	12	16	240	•
PSCM1713	13	17	400	•
PSCM1915	15	19	450	•
PSCM2217	17	22	700	•



PSCM600

Hex-to-Square Adaptors

- 1/4" hex size; 1" length of hex

Stock No.	Length, inches
AB3042	2
AB3044	4
AB3046	6

Insert Bit Style, non-impact



AB3044

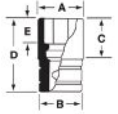
AB3042

AB3046



- Do not use chrome or industrial finish hand tools with power drivers or impact drivers.
- Do not use adaptors with impact drivers.
- Do not exceed torque stamped on adaptor.
- Read Safety Precautions on pages W1-W4

FLANK DRIVE® XTRA SOCKETS



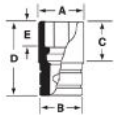
Flank Drive® Xtra Shallow, mm, Chrome



YFSM161

mm	6	A	B	C	D	E	Set Contains:	
							212YFSMY	215YFSMY
6	YFSM61	9.5	17.5	11.1	23.0	5.6		•
7	YFSM71	11.1	17.5	11.1	23.0	5.6		•
8	YFSM81	11.9	17.5	11.1	23.0	6.4	•	•
9	YFSM91	13.5	17.5	11.1	23.0	6.4	•	•
10	YFSM101	14.3	17.5	11.1	23.0	6.4	•	•
11	YFSM111	15.9	17.5	11.1	23.0	7.1	•	•
12	YFSM121	16.7	17.5	11.9	24.6	7.9	•	•
13	YFSM131	18.3	18.3	12.6	24.6	7.9	•	•
14	YFSM141	19.8	19.8	13.1	25.4	10.3	•	•
15	YFSM151	20.6	20.6	15.2	27.8	10.3	•	•
16	YFSM161	21.4	21.4	15.6	28.6	11.9	•	•
17	YFSM171	23.0	23.0	16.0	29.4	12.7	•	•
18	YFSM181	24.6	24.6	16.5	30.2	12.7	•	•
19	YFSM191	25.4	25.4	17.2	31.0	12.7	•	•
20	YFSM201	27.0	27.0	17.8	31.8	12.7		•

Sets shown include magnetic storage tray



Flank Drive® Xtra Shallow, Inches, Chrome



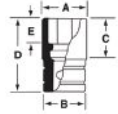
YFS141

Inches	6	A	B	C	D	E	Set Contains:	
							211YFSY	214YFSY
1/4	YFS081	13/32	11/16	13/32	29/32	7/32	•	•
5/16	YFS101	15/32	11/16	13/32	29/32	1/4	•	•
11/32	YFS111	1/2	11/16	13/32	29/32	1/4		•
3/8	YFS121	9/16	11/16	13/32	29/32	1/4	•	•
7/16	YFS141	5/8	11/16	13/32	29/32	9/32	•	•
1/2	YFS161	23/32	23/32	7/16	31/32	5/16	•	•
9/16	YFS181	25/32	25/32	9/16	1-3/32	13/32	•	•
5/8	YFS201	27/32	27/32	19/32	1-1/8	15/32	•	•
11/16	YFS221	15/16	15/16	19/32	1-5/32	1/2	•	•
3/4	YFS241	1	1	21/32	1-7/32	1/2	•	•
13/16	YFS261	1-1/16	1-1/16	11/16	1-1/4	1/2	•	•
7/8	YFS281	1-5/32	1-5/32	3/4	1-9/32	9/16	•	•
15/16	YFS301	1-1/4	1-1/4	13/16	1-3/8	9/16		•
1	YFS321	1-5/16	1-5/16	13/16	1-13/32	9/16		•

Sets shown include magnetic storage tray



212YFSMSY



Flank Drive® Xtra Semi-Deep, mm, Chrome

Set Contains:

212YFSMSY

mm	6	A	B	C	D	E	6
6	YFSMS6	10.3	17.5	29.3	41.3	5.6	
7	YFSMS7	11.1	17.5	29.3	41.3	6.4	
8	YFSMS8	11.9	17.5	29.3	41.3	6.4	•
9	YFSMS9	13.5	17.5	29.3	41.3	6.4	•
10	YFSMS10	14.3	17.5	29.3	41.3	7.1	•
11	YFSMS11	15.9	17.5	29.3	41.3	9.5	•
12	YFSMS12	16.7	17.5	29.3	41.3	9.5	•
13	YFSMS13	18.3	18.3	29.3	41.3	10.3	•
14	YFSMS14	19.8	19.8	23.6	41.3	10.3	•
15	YFSMS15	20.6	20.6	23.6	41.3	10.3	•
16	YFSMS16	21.4	21.4	23.4	41.3	10.3	•
17	YFSMS17	23.0	23.0	23.4	41.3	11.1	•
18	YFSMS18	24.6	24.6	23.3	41.3	11.1	•
19	YFSMS19	25.4	25.4	23.1	41.3	12.7	•
20	YFSMS20	27.0	27.0	22.7	41.3	12.7	•

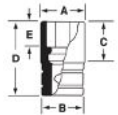


YFSMS16

Sets shown include magnetic storage tray



211YFSSY



Flank Drive® Xtra Semi-Deep, SAE, Chrome

Set Contains:

211YFSSY

	6	A	B	C	D	E	6
1/4	YFSS081	13/32	11/16	1-1/8	1-5/8	7/32	•
5/16	YFSS101	15/32	11/16	1-1/8	1-5/8	1/4	•
3/8	YFSS121	9/16	11/16	1-1/8	1-5/8	9/32	•
7/16	YFSS141	5/8	11/16	1-1/8	1-5/8	3/8	•
1/2	YFSS161	23/32	23/32	1-1/8	1-5/8	13/32	•
9/16	YFSS181	25/32	25/32	29/32	1-5/8	13/32	•
5/8	YFSS201	27/32	27/32	29/32	1-5/8	13/32	•
11/16	YFSS221	15/16	15/16	29/32	1-5/8	7/16	•
3/4	YFSS241	1.0	1.0	1-1/16	1-5/8	19/32	•
13/16	YFSS261	17/16	17/16	1-1/16	1-5/8	21/32	•
7/8	YFSS281	1-5/32	1-5/32	1-3/16	1-23/32	23/32	•
15/16	YFSS301	1-1/4	1-1/4	1-3/16	1-3/4	23/32	•
1	YFSS321	1-5/16	1-5/16	1-7/32	1-3/4	3/4	•



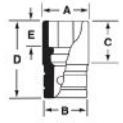
YFSS221

Sets shown include magnetic storage tray



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

FLANK DRIVE® XTRA SOCKETS



Flank Drive® Xtra Deep, mm, Chrome

Set Contains:

212YSFSMY

215YSFSMY



YSFSM8



YSFSM19

mm	6	A	B	C	D	E	6	6
6	YSFSM6	10.3	17.5	42.0	54.0	5.6		•
7	YSFSM7	11.1	17.5	42.0	54.0	6.4		•
8	YSFSM8	11.9	17.5	42.0	54.0	6.4	•	•
9	YSFSM9	13.5	17.5	42.0	54.0	6.4	•	•
10	YSFSM10	14.3	17.5	42.0	54.0	7.1	•	•
11	YSFSM11	15.9	17.5	42.0	54.0	9.5	•	•
12	YSFSM12	16.7	17.5	42.0	54.0	9.5	•	•
13	YSFSM13	18.3	18.3	42.0	54.0	10.3	•	•
14	YSFSM14	19.8	19.8	42.6	60.3	10.3	•	•
15	YSFSM15	20.6	20.6	42.6	60.3	10.3	•	•
16	YSFSM16	21.4	21.4	42.4	60.3	10.3	•	•
17	YSFSM17	23.0	23.0	48.8	66.7	12.7	•	•
18	YSFSM18	24.6	24.6	48.7	66.7	12.7	•	•
19	YSFSM19	25.4	25.4	48.5	66.7	15.1	•	•
20	YSFSM20	27.0	27.0	48.1	66.7	15.1		•

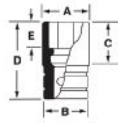
Sets shown include magnetic storage tray



211YSFSY



214YSFSY



Flank Drive® Xtra Deep, Inches, Chrome

Set Contains:

211YSFSY

214YSFSY



YSFS161

II	6	A	B	C	D	E	6	6
1/4	YSFS081	13/32	11/16	1-5/8	2-1/8	7/32	•	•
5/16	YSFS101	15/32	11/16	1-5/8	2-1/8	9/32	•	•
11/32	YSFS111	1/2	11/16	1-5/8	2-1/8	1/4		•
3/8	YSFS121	9/16	11/16	1-5/8	2-1/8	9/32	•	•
7/16	YSFS141	5/8	11/16	1-5/8	2-1/8	3/8	•	•
1/2	YSFS161	23/32	23/32	1-5/8	2-1/8	13/32	•	•
9/16	YSFS181	25/32	25/32	1-21/32	2-3/8	13/32	•	•
5/8	YSFS201	27/32	27/32	1-21/32	2-3/8	15/32	•	•
11/16	YSFS221	15/16	15/16	1-29/32	2-5/8	1/2	•	•
3/4	YSFS241	1	1	1-29/32	2-5/8	19/32	•	•
13/16	YSFS261	1-1/16	1-1/16	2	2-3/4	21/32	•	•
7/8	YSFS281	1-5/32	1-5/32	2	2-3/4	23/32	•	•
15/16	YSFS301	1-1/4	1-1/4	2	2-3/4	3/4		•
1	YSFS321	1-5/16	1-5/16	1-31/32	2-3/4	13/16		•

Sets shown include magnetic storage tray

FLANK DRIVE® SOCKETS

3/8" DRIVE TOOLS



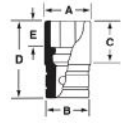
FM14



GFM9A



212FSMY



Shallow, mm, Chrome

Set Contains: 212FSMY 212FSMY

mm	6	12	12	A	B	C	D	E	6	12
6	FSM61	FM6	—	9.5	17.5	11.1	23.0	5.6		
7	FSM71	FM7	—	11.1	17.5	11.1	23.0	5.6		
8	FSM81	FM8	—	11.9	17.5	11.1	23.0	6.4	•	•
9	FSM91	FM9	GFM9A	13.5	17.5	11.1	23.0	6.4	•	•
10	FSM101	FM10	—	14.3	17.5	11.6	23.8	6.4	•	•
11	FSM111	FM11	—	15.9	17.5	11.1	23.0	7.1	•	•
12	FSM121	FM12	—	16.7	17.5	11.9	24.6	7.9	•	•
13	FSM131	FM13	—	18.3	17.5	12.6	24.6	7.9	•	•
14	FSM141	FM14	—	19.8	19.1	13.1	25.4	10.3	•	•
15	FSM151	FM15	—	20.6	19.8	15.2	27.8	10.3	•	•
16	FSM161	FM16	—	21.4	20.6	15.6	28.6	11.9	•	•
17	FSM171	FM17	—	23.0	22.2	16.0	29.4	12.7	•	•
18	FSM181	FM18	—	24.6	23.8	16.5	30.2	12.7	•	•
19	FSM191	FM19	—	25.4	24.6	17.2	31.0	12.7	•	•
20	FSM201	FM20	—	27.0	26.2	17.8	31.8	12.7		
21	FSM211	FM21	—	28.6	27.8	18.1	31.8	14.3		
22	FSM221	FM22	—	29.4	28.6	19.2	32.5	14.3		
23	FSM231	FM23	—	30.2	29.4	19.3	33.3	14.3		
24	FSM241	FM24	—	31.8	31.0	21.1	34.9	14.3		
25	FSM251	FM25	—	32.5	31.8	21.3	35.7	14.3		
26	FSM261	FM26	—	34.1	33.3	22.0	36.5	14.3		
27	—	FM27	—	36.5	35.7	26.5	38.9	14.3		

Sets shown include magnetic storage tray
ASME®/ANSI® B107.5



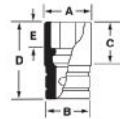
F201



GF201



214FSY



Shallow, Inches, Chrome

Set Contains: 214FSY 214FSY 214FSY

II	6	12	6	12	A	B	C	D	E	6	6	12
1/4	FS081	F081	GFS081	GF081	13/32	11/16	13/32	29/32	7/32	•	•	•
5/16	FS101	F101	GFS101	GF101	15/32	11/16	13/32	29/32	1/4	•	•	•
11/32	FS111	F111	—	GF111	1/2	11/16	13/32	29/32	1/4	•		
3/8	FS121	F121	GFS121	GF121	9/16	11/16	13/32	29/32	1/4	•	•	•
7/16	FS141	F141	GFS141	GF141	5/8	11/16	13/32	29/32	9/32	•	•	•
1/2	FS161	F161	GFS161	GF161	23/32	11/16	7/16	31/32	5/16	•	•	•
9/16	FS181	F181	GFS181	GF181	25/32	3/4	9/16	1-3/32	13/32	•	•	•
19/32	—	—	—	GF191	13/16	25/32	19/32	1-3/32	3/8			
5/8	FS201	F201	GFS201	GF201	27/32	13/16	19/32	1-1/8	15/32	•	•	•
11/16	FS221	F221	GFS221	GF221	15/16	29/32	5/8	1-5/32	1/2	•	•	•
3/4	FS241	F241	GFS241	GF241	1	31/32	21/32	1-7/32	1/2	•	•	•
13/16	FS261	F261	GFS261	GF261	1-1/16	1-1/32	11/16	1-1/4	1/2	•	•	•
7/8	FS281	F281	GFS281	GF281	1-5/32	1-1/8	23/32	1-9/32	9/16	•	•	•
15/16	FS301	F301	GFS301	GF301	1-1/4	1-7/32	13/16	1-3/8	9/16	•		
1	FS321	F321	GFS321	GF321	1-5/16	1-9/32	13/16	1-13/32	9/16	•		

Sets shown include magnetic storage tray
ASME®/ANSI® B107.1



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

FLANK DRIVE® SOCKETS



FMS14

212FSMSY



FSS201

211FSSY

Semi-Deep, mm, Chrome

Set Contains:

212FSMSY
212FMSY

mm	6	12	A	B	C	D	E	6	12
6	FMS6	FMS6	9.5	17.5	29.3	41.3	5.6		
7	FMS7	FMS7	11.1	17.5	29.3	41.3	6.4		
8	FMS8	FMS8	11.9	17.5	29.3	41.3	6.4	•	•
9	FMS9	FMS9	13.5	17.5	29.3	41.3	6.4	•	•
10	FMS10	FMS10	14.3	17.5	29.3	41.3	7.1	•	•
11	FMS11	FMS11	15.9	17.5	29.3	41.3	9.5	•	•
12	FMS12	FMS12	16.7	17.5	29.3	41.3	9.5	•	•
13	FMS13	FMS13	18.3	17.5	29.3	41.3	10.3	•	•
14	FMS14	FMS14	19.8	19.1	23.6	41.3	10.3	•	•
15	FMS15	FMS15	20.6	19.8	23.6	41.3	10.3	•	•
16	FMS16	FMS16	21.4	20.5	23.4	41.3	10.3	•	•
17	FMS17	FMS17	23.0	22.2	23.4	41.3	11.1	•	•
18	FMS18	FMS18	24.6	23.8	23.3	41.3	11.1	•	•
19	FMS19	FMS19	25.4	24.6	23.1	41.3	12.7	•	•
20	FMS20	FMS20	27.0	26.2	22.7	41.3	12.7		

Sets shown include magnetic storage tray
ASME®/ANSI® B107.5

Semi-Deep, Inches, Chrome

Set Contains:

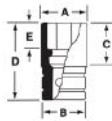
211FSSY

Size, inches	Stock No.	A	B	C	D	E	
1/4	FSS081	13/32	11/16	1-1/8	1-5/8	7/32	•
5/16	FSS101	15/32	11/16	1-1/8	1-5/8	1/4	•
3/8	FSS121	9/16	11/16	1-1/8	1-5/8	9/32	•
7/16	FSS141	5/8	11/16	1-1/8	1-5/8	3/8	•
1/2	FSS161	23/32	11/16	1-1/8	1-5/8	13/32	•
9/16	FSS181	25/32	3/4	29/32	1-5/8	13/32	•
5/8	FSS201	27/32	13/16	29/32	1-5/8	13/32	•
11/16	FSS221	15/16	29/32	29/32	1-5/8	7/16	•
3/4	FSS241	1	31/32	1-3/32	1-5/8	19/32	•
13/16	FSS261	1-1/16	1-1/32	1-3/32	1-5/8	21/32	•
7/8	FSS281	1-5/32	1-1/8	1-3/16	1-23/32	23/32	•
15/16	FSS301	1-1/4	1-7/32	1-7/32	1-3/4	23/32	
1	FSS321	1-5/16	1-9/32	1-3/16	1-3/4	3/4	

Set shown includes magnetic storage tray
ASME®/ANSI® B107.1



FDS201



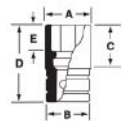
SFMS9



SFM19



212SFMSY



Semi-Deep, Inches, Chrome

11	12	A	B	C	D	E
1/4	FDS081	13/32	11/16	3/4	1-1/4	7/32
9/32	FDS091	7/16	11/16	3/4	1-1/4	7/32
5/16	FDS101	15/32	11/16	3/4	1-1/4	1/4
11/16	FDS111	1/2	11/16	3/4	1-1/4	9/32
3/8	FDS121	9/16	11/16	1	1-1/2	9/32
7/16	FDS141	5/8	11/16	1	1-1/2	3/8
1/2	FDS161	23/32	11/16	1-1/8	1-5/8	13/32
9/16	FDS181	25/32	3/4	7/8	1-5/8	13/32
5/8	FDS201	27/32	13/16	7/8	1-5/8	15/32
11/16	FDS221	15/16	29/32	7/8	1-5/8	1/2
3/4	FDS241	1	31/32	1-3/32	1-5/8	19/32
25/32	FDS251	1-1/16	1-1/32	1-1/8	1-5/8	5/8
13/16	FDS261	1-1/16	1-1/32	1-3/32	1-5/8	21/32
7/8	FDS281	1-5/32	1-1/8	1-3/16	1-23/32	23/32
15/16	FDS301	1-1/4	1-7/32	1-7/32	1-3/4	23/32
1	FDS321	1-5/16	1-9/32	1-3/16	1-3/4	3/4

Set shown includes magnetic storage tray
ASME®/ANSI® B107.1

Deep, mm, Chrome

Set Contains:

212SFMSY
212SFM

mm	6	12	A	B	C	D	E	6	12
6	SFMS6	SFM6	10.3	17.5	42.0	54.0	5.6		
7	SFMS7	SFM7	11.1	17.5	42.0	54.0	6.4		
8	SFMS8	SFM8	11.9	17.5	42.0	54.0	6.4	•	•
9	SFMS9	SFM9	13.5	17.5	42.0	54.0	6.4	•	•
10	SFMS10	SFM10	14.3	17.5	42.0	54.0	7.1	•	•
11	SFMS11	SFM11	15.9	17.5	42.0	54.0	9.5	•	•
12	SFMS12	SFM12	16.7	17.5	42.0	54.0	9.5	•	•
13	SFMS13	SFM13	18.3	17.5	42.0	54.0	10.3	•	•
14	SFMS14	SFM14	19.8	19.1	42.6	60.3	10.3	•	•
15	SFMS15	SFM15	20.6	19.8	42.6	60.3	10.3	•	•
16	SFMS16	SFM16	21.4	20.6	42.4	60.3	10.3	•	•
17	SFMS17	SFM17	23.0	22.2	48.8	66.7	12.7	•	•
18	SFMS18	SFM18	24.6	23.8	48.7	66.7	12.7	•	•
19	SFMS19	SFM19	25.4	24.6	48.5	66.7	15.1	•	•
20	SFMS20	SFM20	27.0	26.2	48.1	66.7	15.1		
21	SFMS21	SFM21	28.6	27.8	48.1	66.7	15.1		
22	SFMS22	—	29.4	28.6	54.1	73.0	15.1		

Sets shown include magnetic storage tray
ASME®/ANSI® B107.5

Extra-Long, inches

SFSL181 3/8" Drive 6-Point SAE 9/16" Extra-Long Socket

- Manufactured from special alloy steel
- Precision machined and heat-treated for optimum strength and durability
- Nickel-chrome finish helps protect against corrosion and makes it easy to wipe clean
- Flank Drive® wrenching system grips fastener on the flanks/flats, increasing torque and preventing fastener corners from rounding off
- Socket is 7-1/2" long allowing the long reach needed



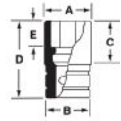
SFSL181



SF201

GSF181

211SFSY



Deep, Inches, Chrome

Hex Size	Set Contains:				A	B	C	D	E	Set Contains:		
	6	12	6	12						6	12	12
1/4	SFS081	SF081	GSFS081	GSF081	13/32	11/16	1-5/8	2-1/8	7/32	•	•	•
9/32	—	SF091	—	—	7/16	11/16	1-5/8	2-1/8	7/32			
5/16	SFS101	SF101	GSFS101	GSF101	15/32	11/16	1-5/8	2-1/8	9/32	•	•	•
11/32	SFS111	SF111	—	—	1/2	11/16	1-5/8	2-1/8	1/4			
3/8	SFS121	SF121	GSFS121	GSF121	9/16	11/16	1-5/8	2-1/8	9/32	•	•	•
7/16	SFS141	SF141	GSFS141	GSF141	5/8	11/16	1-5/8	2-1/8	3/8	•	•	•
1/2	SFS161	SF161	GSFS161	GSF161	23/32	11/16	1-5/8	2-1/8	13/32	•	•	•
9/16	SFS181	SF181	GSFS181	GSF181	25/32	3/4	1-21/32	2-3/8	13/32	•	•	•
19/32	—	SF191	—	—	13/16	25/32	1-21/32	2-3/8	13/32		•	
5/8	SFS201	SF201	GSFS201	GSF201	27/32	13/16	1-21/32	2-3/8	15/32	•	•	•
11/16	SFS221	SF221	GSFS221	GSF221	15/16	29/32	1-29/32	2-5/8	1/2	•	•	•
3/4	SFS241	SF241	GSFS241	GSF241	1	31/32	1-29/32	2-5/8	19/32	•	•	•
25/32	—	SF251	—	—	1-1/16	1-1/32	2-1/8	2-5/8	5/8			
13/16	SFS261	SF261	GSFS261	GSF261	1-1/16	1-1/32	2	2-3/4	21/32	•	•	•
7/8	SFS281	SF281	GSFS281	GSF281	1-5/32	1-1/8	2	2-3/4	23/32	•	•	•
15/16	SFS301	SF301	GSFS301	GSF301	1-1/4	1-7/32	2	2-3/4	3/4		•	
1	SFS321	SF321	GSFS321	GSF321	1-5/16	1-9/32	1-31/32	2-3/4	13/16		•	

Sets shown include magnetic storage tray
ASME®/ANSI® B107.1

Shallow/Deep Sets, mm, Chrome (3/8")

mm	Set Contains:		mm	Set Contains:	
	6-Point Metric Flank Drive® Shallow Socket	6		6-Point Metric Flank Drive® Deep Socket	6
8	FSM81	•	8	SFSM8	•
9	FSM91	•	9	SFSM9	•
10	FSM101	•	10	SFSM10	•
11	FSM111	•	11	SFSM11	•
12	FSM121	•	12	SFSM12	•
13	FSM131	•	13	SFSM13	•
14	FSM141	•	14	SFSM14	•
15	FSM151	•	15	SFSM15	•
16	FSM161	•	16	SFSM16	•
17	FSM171	•	17	SFSM17	•
18	FSM181	•	18	SFSM18	•
19	FSM191	•	19	SFSM19	•

ASME®/ANSI® B107.5



224SFFSM

224SFFSM 24 pc 3/8" Drive 6-Point Metric Flank Drive® Shallow/Deep Combination Socket Set

- Includes (12) shallow sockets (8–19 mm) and (12) deep sockets (8–19 mm)
- Includes magnetic storage tray

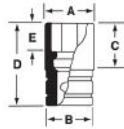


WARNING



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

FLANK DRIVE® SOCKETS



222SFFS

222SFFS 22 pc 3/8" Drive 6-Point SAE Flank Drive® Shallow/Deep Combination Socket Set

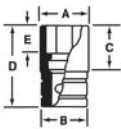
- Includes (11) shallow sockets (1/4–7/8") and (11) deep sockets (1/4–7/8")
- Includes magnetic storage tray

Shallow/Deep Sets, Inches, Chrome (3/8")

Socket Size	Set Contains:		Set Contains:		
	6-Point SAE Flank Drive® Shallow Socket	6	6-Point SAE Flank Drive® Deep Socket	6	
1/4	FS081	•	1/4	SFS081*	•
5/16	FS101	•	5/16	SFS101*	•
3/8	FS121	•	3/8	SFS121*	•
7/16	FS141	•	7/16	SFS141*	•
1/2	FS161	•	1/2	SFS161*	•
9/16	FS181	•	9/16	SFS181*	•
5/8	FS201	•	5/8	SFS201*	•
11/16	FS221	•	11/16	SFS221*	•
3/4	FS241	•	3/4	SFS241*	•
13/16	FS261	•	13/16	SFS261*	•
7/8	FS281	•	7/8	SFS281*	•

ASME®/ANSI® B107.1

FLANK DRIVE® LOW-PROFILE SOCKETS



RFM12



210RAFMA

Low-Profile Socket Sets, mm

mm	6	12	A	B	C	D	E	6	12	6
8	RFSM8	RFM8	11.6	16.5	—	16.8	3.8	•	•	•
9	RFSM9	RFM9	13.0	16.5	—	17.0	4.1	•	•	•
10	RFSM10	RFM10	14.3	16.5	—	17.3	4.3	•	•	•
11	RFSM11	RFM11	16.0	16.5	—	17.7	4.8	•	•	•
12	RFSM12	RFM12	17.2	16.5	9.8	18.1	5.1	•	•	•
13	RFSM13	RFM13	18.0	17.2	10.3	18.5	5.6	•	•	•
14	RFSM14	RFM14	19.6	18.8	10.5	18.7	6.1	•	•	•
15	RFSM15	RFM15	20.4	19.6	10.8	19.1	6.6	•	•	•
16	RFSM16	RFM16	21.1	20.4	11.4	19.6	7.1	•	•	•
17	RFSM17	RFM17	22.8	22.0	11.9	20.1	7.4	•	•	•
18	RFSM18	RFM18	24.3	23.6	12.5	20.8	7.9	•	•	•
19	RFSM19	RFM19	25.1	16.5	13.3	21.5	8.2	•	•	•

Sets include storage tray

*Set includes RAF80A ratchet



RF181



210RARFA

Low-Profile Socket Sets, inches

Socket Size	12	A	B	C	D	E	12	12
1/4	RF081	0.46	0.65	0.34	0.66	0.15	•	•
5/16	RF101	0.46	0.65	—	0.66	0.21	•	•
11/32	RF111	0.49	0.65	0.36	0.68	0.22	•	•
3/8	RF121	0.56	0.65	0.37	0.69	0.22	•	•
7/16	RF141	0.62	0.65	0.38	0.7	0.26	•	•
1/2	RF161	0.71	0.68	0.41	0.71	0.27	•	•
9/16	RF181	0.77	0.74	0.45	0.75	0.32	•	•
5/8	RF201	0.83	0.8	0.47	0.79	0.37	•	•
11/16	RF221	0.93	0.9	0.52	0.81	0.38	•	•
3/4	RF241	0.99	0.96	0.57	0.82	0.37	•	•

Sets include storage tray

*Set includes RAF80A ratchet

FLANK DRIVE® LOW-PROFILE SOCKETS

Essential Socket Sets

208ES10MMY 8 pc 3/8" Drive Essential 10 mm Socket Set

208ES13MMY 8 pc 3/8" Drive Essential 13 mm Socket Set

- The innovative Flank Drive® wrenching system provides flat-to-flat contact for up to 20% more turning power
- The Flank Drive® Xtra wrenching system grips fasteners with the angled contour of the socket wall—delivering higher strength and up to 50% more turning power on damaged fasteners
- Welded pivot pin reinforces socket wall and allows full 30° of uninterrupted, smooth action for efficient power transfer at any angle with no loss in torque output
- Manufactured from the highest quality proprietary steel, providing optimum strength and durability



208ES10MMY



208ES13MMY

FLANK DRIVE® UNIVERSAL SOCKETS



FUM18A

206FSUMA

Set Contains:

206FSUMA
209FUMY

Shallow, mm, Chrome

mm	6	12	A	B	C	D	E	6	12
8	FSUM8A	—	11.4	18	9	41.1	6.4		
10	FSUM10A	FUM10A	14.3	18	9	41.1	6.4	•	•
11	FSUM11A	—	15.3	18	9	41.1	7.1		
12	FSUM12A	FUM12A	16.7	18	11	43.2	7.9	•	•
13	FSUM13A	FUM13A	18	18	9.4	43.2	7.9	•	•
14	FSUM14A	FUM14A	19.6	18	11.7	45.5	8.9	•	•
15	FSUM15A	FUM15A	20.3	18.7	10	45.7	8.9	•	•
16	FSUM16A	FUM16A	21.1	18.7	10.9	46.7	10.2		•
17	FSUM17A	FUM17A	22.8	18.7	12.4	48.8	10.4	•	•
18	FSUM18A	FUM18A	24.2	18.7	12.4	48.8	10.7		•
19	FSUM19A	FUM19A	25.1	18.7	14.2	50.5	11.7		•
22	FSUM22A	—	29.1	18.9	15.1	53.8	13		

Sets include storage tray



FU26B

206AFSA

Set Contains:

206AFSA
212FUY
206FUA

Shallow, Inches, Chrome

II	6	12	A	B	C	D	E	6	12	12
5/16	FS10C	FU10C	31/64	23/32	55/64	1-5/8	1/4		•	
3/8	FS12C	FU12C	17/32	23/32	55/64	1-5/8	1/4		•	
7/16	FS14C	FU14C	41/64	23/32	55/64	1-5/8	17/64	•	•	•
1/2	FS16C	FU16C	23/32	23/32	15/16	1-11/16	17/64	•	•	•
9/16	FS18B	FU18B	25/32	3/4	1-1/32	1-13/16	21/64	•	•	•
5/8	FS20B	FU20B	27/32	3/4	1-1/32	1-13/16	23/64	•	•	•
11/16	FS22B	FU22B	15/16	3/4	1-11/64	1-15/16	25/64	•	•	•
3/4	FS24B	FU24B	1	3/4	1-7/32	2	27/64	•	•	•
13/16	—	FU26B	1-1/16	3/4	1-9/32	2-1/16	15/32		•	
7/8	—	FU28B	1-5/32	3/4	1-9/32	2-1/16	33/64		•	
15/16	—	FU30A	1-1/4	3/4	1-33/64	2-9/32	35/64		•	
1	—	FU32A	1-5/16	3/4	1-33/64	2-9/32	9/16		•	

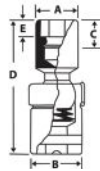
Sets shown include magnetic storage tray
ASME®/ANSI® B107.5m



- Do not use chrome or industrial finish hand tools with power drivers or impact drivers.
- Frequently inspect, clean and lubricate all non-sealed ratchet mechanisms with light oil
- Read Safety Precautions on pages W1-W4

3/8" DRIVE TOOLS

FLANK DRIVE® UNIVERSAL SOCKETS



Deep, mm, Chrome

Set Contains: **206SFSUM**

mm	6	A	B	C	D	E	6
8	SFSUM8	11.5	18.3	42.5	61.9	6.7	
10	SFSUM10	14.3	18.3	42.5	61.9	7.5	•
11	SFSUM11	15.5	18.3	27.0	61.9	9.5	
12	SFSUM12	17.1	18.3	27.0	61.9	9.5	•
13	SFSUM13	18.3	18.3	26.2	61.1	8.3	•
14	SFSUM14	19.8	18.3	26.2	61.1	9.1	•
15	SFSUM15	20.6	19.1	25.0	61.9	9.5	•
16	SFSUM16	21.4	19.1	25.0	61.9	10.3	
17	SFSUM17	23.0	19.1	22.6	61.9	10.7	•
18	SFSUM18	24.6	19.1	22.6	61.9	10.7	
19	SFSUM19	25.4	19.1	22.6	61.9	11.9	

Set includes storage tray

Deep, Inches, Chrome

Set Contains: **207FSU**

Hex	6	12	A	B	C	D	E	6
3/8	FSU12	FDSU12A	9/16	11/16	—	2-13/32	3/8	•
7/16	FSU14	FDSU14A	5/8	11/16	2-13/32	7/16		•
1/2	FSU16	FDSU16A	23/32	11/16	2-13/32	15/32		•
9/16	FDSU18	—	25/32	3/4	1-15/64	2	3/8	•
5/8	FDSU20	—	27/32	3/4	1-5/16	2-3/32	15/32	•
11/16	FDSU22	—	15/16	3/4	1-25/64	2-5/32	33/64	•
3/4	FDSU24	—	1	3/4	1-15/32	2-1/4	39/64	•
9/16	—	FSU18	25/32	3/4	63/64	2-7/16	33/64	
5/8	—	FSU20	27/32	3/4	63/64	2-7/16	35/64	
11/16	—	FSU22	15/16	3/4	57/64	2-7/16	35/64	
3/4	—	FSU24	1	3/4	57/64	2-7/16	35/64	

Set includes storage tray

TORX® SOCKETS



Low-Profile TORX®

Set Contains: **207RFLE**

#	Stock No.	A	B	C	
E8	RFLE80	17.2	11.4	17.3	•
E10	RFLE100	17.2	12.8	20.6	•
E11	RFLE110	17.2	14.3	21.1	•
E12	RFLE120	17.2	15.6	21.7	•
E14	RFLE140	17.2	16.9	23.0	•
E16	RFLE160	17.9	18.7	24.3	•
E18	RFLE180	19.5	20.3	25.4	•

Set shown includes magnetic storage tray.



Shallow TORX®, Chrome

#	Stock No.	A	B	C
E8	FLE80A	15/32	11/16	1-5/32
E10	FLE100A	1/2	11/16	1-5/32
E11	FLE110A	9/16	11/16	1-5/32
E12	FLE120A	9/16	11/16	1-5/32
E14	FLE140A	5/8	11/16	1-5/32
E16	FLE160A	3/4	11/16	1-1/4
E18	FLE180A	13/16	25/32	1-5/16

Sets shown include magnetic storage tray



213AFLEY 13 pc Combination Drive TORX® Shallow Socket Set

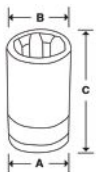
- Includes (6) 1/4" drive (E4–E10), (3) 3/8" drive (E11–E14) and (4) 1/2" drive (E16–E24) TORX® shallow sockets in a magnetic storage tray
- Nickel-chrome plating helps protect against corrosion and makes it easy to wipe clean
- Manufactured from special alloy steel and treated for optimum strength and durability
- Use of a standard TORX® bit socket on a TORX Plus® fastener may result in a rounded out fastener head or damaged bit socket

210AFLEY 10 pc Combination Drive TORX® Shallow Socket Set

- Includes (10) sockets—1/4" drive (E4–E8) and 3/8" drive (E10–E18)



FLEP180



TORX Plus®, Chrome

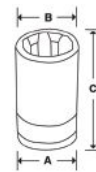
#	Stock No.	A	B	C
EP18	FLEP180	3/4	13/16	1-5/16

FLEP180 3/8" Drive TORX Plus® EP18 Socket

- Use to remove seat hold-down nuts on 1999 and later GM® full-size pickup trucks
- 3/8" square drive



FLEL80

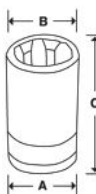


Long TORX®, Chrome

#	Stock No.	A	B	C
E8	FLEL80	19/32	7/16	5



FLCE120



Shallow TORX® with Countersink

#	Stock No.	A	B	C
E12	FLCE120	19/32	11/16	1-5/32
E14	FLCE140	11/16	5/8	1-5/32
E16	FLCE160	23/32	3/4	1-1/4
E18	FLCE180	25/32	13/16	1-5/16

FLCE120 3/8" Drive TORX® E12 Socket with Countersink

- Use to remove/install fasteners that hold window regulators in place for BMW® 5 and 7 Series

FLCE140 3/8" Drive TORX® E14 Socket with Countersink

- For connecting rod cap bolts on various Toyota® and Scion® vehicles
- The FLCE140 is similar to Toyota® special tool number 09013-1C551

FLCE160 3/8" Drive TORX® E16 Socket with Countersink

- For cam sprocket on 2.5L FB engine on 2011 and current Subaru® Forester® vehicles
- For camshaft timing gear assembly on various 2012 Toyota® vehicles
- Similar to Toyota® special tool number 09013-1C560

FLCE180 3/8" Drive TORX® E18 Socket with Countersink

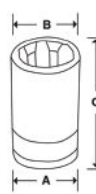
- For spider gear in the rear differential on a 2010-current Chevrolet® Camaro® vehicles



GFLEPL180



FLEPL140

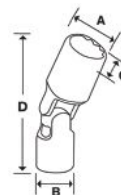


TORX Plus® with Countersink

#	Stock No.	Industrial Stock No.	A	B	C
8EP	FLEPL80	GFLEPL80	7/16	11/16	1-5/32
10EP	FLEPL100	GFLEPL100	1/2	11/16	1-5/32
12EP	FLEPL120	GFLEPL120	19/32	11/16	1-5/32
14EP	FLEPL140	GFLEPL140	5/8	11/16	1-5/32
16EP	FLEPL160	GFLEPL160	3/4	23/32	1-1/4
18EP	FLEPL180	GFLEPL180	13/16	25/32	1-5/16



FSE180



Universal TORX®, Chrome

#	Stock No.	A	B	C	D
E8	FSE80	3/8	11/16	9/32	1-5/8
E10	FSE100	15/32	11/16	5/16	1-11/16
E12	FSE120	9/16	11/16	11/32	1-25/32
E14	FSE140	5/8	11/16	13/32	1-7/8
E16	FSE160	23/32	3/4	1-1/4	2-1/32
E18	FSE180	13/16	3/4	1-1/4	2-1/32
E20	FSE200	15/16	3/4	1-19/64	2-3/32



SFLE120

Deep TORX®

Stock No.	Description
SFLE120	3/8" Drive TORX® E12 Deep Socket



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

SPLINE SOCKETS

Snap-on® spline wrenching tools have been developed to service high-tensile strength spline nuts and bolts widely used on both military and commercial aircraft. Precise, radial spline teeth engage the fastener over a wider area to minimize stress, allow application of high torque to reduce risk of damage to the fastener or to the tool. Chrome tools comply with AS954, Military Spec.



MS-33787 and MIL-W-8982. (Industrial finish tools comply with performance specifications and differ only in finish.) The unique spline wrenching configuration can also be used on ordinary 6- and 12-point fasteners with an advantage similar to the Snap-on® Flank Drive® wrenching system.



FES120B

Shallow, Inches, Chrome (3/8")



		Stock No.	A	B	C	D	E
#12 (3/8)	3/8	FES120B	17/32	21/32	15/32	1-1/16	11/32
#14 (7/16")	7/16	FES140B	5/8	11/16	1/2	1-3/32	7/16
#16 (1/2")	1/2	FES160B	23/32	23/32	—	1-3/32	29/64
#18 (9/16")	9/16	FES180B	13/16	13/16	—	1-3/32	15/32
#20 (5/8")	5/8	FES200B	7/8	7/8	—	2-3/8	9/16

209TFES 9 pc Combination Drive SAE Shallow Spline Socket Set



- Includes 1/4" drive TES7B–TES10B and 3/8" drive FES120B–FES200B Shallow Spline Sockets (9 pc) (#7–20, 7/32–5/8") in magnetic socket tray



FEL120B

Deep, Inches, Chrome (3/8")



		Stock No.	A	B	C	D	E
#12 (3/8)	3/8	FEL120B	17/32	21/32	1-17/32	2-1/8	11/32
#14 (7/16")	7/16	FEL140B	5/8	11/16	1-17/32	2-1/8	7/16
#16 (1/2")	1/2	FEL160B	23/32	23/32	1-5/8	2-1/8	7/16
#18 (9/16")	9/16	FEL180B	13/16	13/16	—	2-3/8	15/32
#20 (5/8")	5/8	FEL200B	7/8	7/8	—	2-3/8	9/16

207TFEL 7 pc Combination Drive SAE Deep Spline Socket Set



- Includes 1/4" drive TEL7B–TEL10B and 3/8" drive FEL120B–FEL200B Deep Spline Sockets (7 pc) (#7–20, 7/32–5/8") in magnetic socket tray



FELM10B

Deep, Metric, Chrome (3/8")

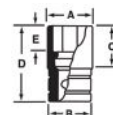




		Stock No.	A	B	C	D	E
#10 (5/16)	10	FELM10B	14.5	16.8	40.4	54.0	10.0




FESU120B

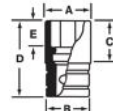
Shallow Universal, Inches, Chrome (3/8")



		Stock No.	A	B	C	D	E
#12 (3/8)	3/8	FESU120B	9/16	3/4	5/8	1-31/32	11/32
#14 (7/16")	7/16	FESU140B	21/32	3/4	11/16	2-1/32	13/32
#16 (1/2")	1/2	FESU160B	3/4	3/4	11/16	2-1/16	7/16
#18 (9/16")	9/16	FESU180B	27/32	3/4	23/32	2-1/8	7/16

Double Square, Inches, Chrome

	Stock No.	A	B	C	D	E
1/4	F308	1/2	21/32	3/8	27/32	7/32
5/16	F310	9/16	21/32	3/8	27/32	1/4
3/8	F312	21/32	11/16	15/32	15/16	9/32
7/16	F314	25/32	11/16	17/32	1	5/16
1/2	F316	7/8	25/32	17/32	1	5/16
9/16	F318	1	29/32	19/32	1-1/8	7/16
5/8	F320	1-1/16	31/32	19/32	1-1/8	7/16



F308



FRXM10




210FRXM



210FRXM

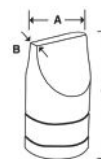
Flank Drive® Flare Nut Sockets, mm

	Stock No.	A	B	C	D	
10	FRXM10	16.9	18.3	53.3	7.2	•
11	FRXM11	18.1	18.7	53.3	8.3	•
12	FRXM12	19.3	18.3	53.3	8.8	•
13	FRXM13	20.4	19.1	62.5	9.4	•
14	FRXM14	22.0	20.5	62.5	10.4	•
15	FRXM15	22.6	21.0	71.6	11.2	•
16	FRXM16	23.5	21.9	71.6	11.7	•
17	FRXM17	25.1	23.5	78.0	12.7	•
18	FRXM18	25.9	24.3	83.8	13.5	•
19	FRXM19	26.7	25.1	89.9	14.2	•
21	FRXM21	29.89	29.13	89.92	13.46	

Set Contains:



GF22



Drag Link, Industrial

Applications include use on the engine oil fill cap on Kawasaki® UN1500, UN1600 and UN2000 motorcycles.

Stock No.	A	B	C
GF22	11/16 (17)	7/64	1-1/4

Set shown includes magnetic storage tray.




207FRX



207FRX

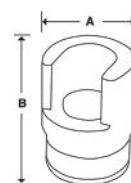
Flank Drive® Flare Nut Sockets, inches

	Stock No.	A	B	C	D	
3/8	FRX121	5/8	3/4	2-3/32	9/32	•
7/16	FRX141	23/32	3/4	2-3/32	11/32	•
1/2	FRX161	13/16	3/4	2-1/8	3/8	•
9/16	FRX181	7/8	13/16	2-15/32	13/32	•
5/8	FRX201	15/16	7/8	2-27/32	15/32	•
11/16	FRX221	1	15/16	3-7/32	1/2	•
3/4	FRX241	1-1/16	1	3-11/32	9/16	•
7/8	FRX281	1-1/4	1-7/32	3-7/32	21/32	


Set Contains:




FD120



WEATHERHead® Fittings

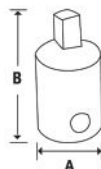
	Stock No.	A	B
3/8	FD120	11/16	1-1/4
7/16	FD140	13/16	1-1/4
15/32	FD150	7/8	1-1/4
1/2	FD160	15/16	1-1/4
17/32	FD170	1	1-1/4
9/16	FD180	1-1/16	1-1/4
19/32	FD190	1-1/16	1-1/4
21/32	FD210	1-3/16	1-3/8
11/16	FD220	1-3/16	1-3/8
3/4	FD240	1-1/4	1-3/8
25/32	FD250	1-1/4	1-3/8

Pipe Plug, mm, Chrome

	External Stock No.	A	B	Internal Stock No.	A	B
6	PMM406A	16.4	31.0	PMP406A	17.2	25.8
8	PMM408A	17.2	31.0	—	—	—
10	PMM410A	17.2	28.4	PMP410A	18.8	25.4



PMM406A

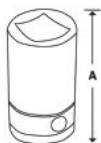


WARNING



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

SPECIAL APPLICATION SOCKETS



211PPPMY

Pipe Plug, Inches, Chrome

	External Stock No.	A	Internal Stock No.	A
3/16	PPM406A	1-1/8		
1/4	PPM408A	1-1/8	PP408A	1
9/32	PPM409A	1-1/8	PP409A	1
5/16	PPM410A	1-1/8	PP410A	1
11/32	PPM411A	1-1/8	PP411A	1
3/8	PPM412A	1-1/8	PP412A	1

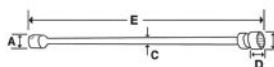
Set shown includes magnetic storage tray.

211PPPMY 11 pc 3/8" Drive SAE Internal/External Pipe Plug Socket Set

- Includes PPM406A–PPM412A (3/16–3/8") external sockets and PP408A–PP412A (1/4–3/8") internal sockets in a magnetic storage tray
- Manufactured from special alloy steel
- Precision forged and heat treated for optimum strength and durability
- Nickel-chrome plating helps protect against corrosion and makes it easy to wipe clean

206PFSXM
Set Contains:

Swivel Ball Extension Sockets, mm, Industrial



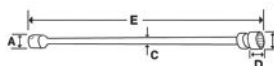
206PFSXM

			A	B	C	D	E	
8	PFSXM908B	—	19.1	11.4	9.5	6.3	243.4	
10	PFSXM910B	—	19.1	14.4	9.5	5.6	243.4	•
11	PFSXM911B	—	19.1	15.6	9.5	6.3	243.8	•
12	PFSXM912B	—	19.1	16.9	9.5	6.8	244.6	•
13	PFSXM913B	PFLXM13B	19.1	18.4	12.4	7.6	245.9	•
14	PFSXM914B	—	19.1	19.8	12.4	9.1	247.9	•
15	PFSXM915B	—	19.1	20.4	12.4	9.1	247.4	•
17	PFSXM917B	—	19.2	24.4	13.4	13.2	241.3	

Set includes storage tray

206PFSXM 6 pc 3/8" Drive 6-Point Metric Swivel Ball Extension Socket Set

- Includes PFSXM910B–PFSXM915B (10–15 mm)
- Applications include transmission pan bolts on Toyota® and Lexus® vehicles; faster and easier intake removal on Volvo® vehicles; several underdash applications
- Great for difficult access where the use of one tool works better than three (socket, swivel and extension)
- Flank Drive® wrenching configuration where the socket grips the fastener on the flanks/flats increasing torque by 15–20%
- Machined from tough alloy steel

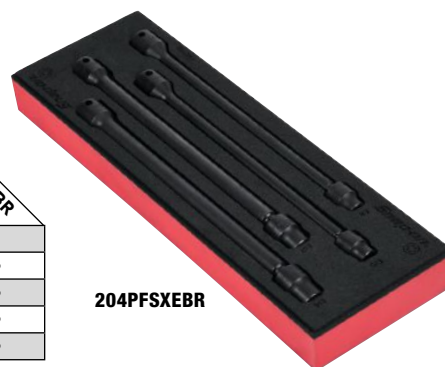


TORX® Swivel Ball Extension Sockets, Industrial

Set Contains:

Size	Stock No.	A	B	C	D	E	
E8	PFSXE908B	3/4	7/16	3/8	1/4	9-1/2	•
E10	PFSXE910B	3/4	1/2	3/8	1/4	9-1/2	•
E12	PFSXE912B	3/4	5/8	1/2	3/8	9-1/2	•
E14	PFSXE914B	3/4	5/8	1/2	3/8	9-5/8	•

204PFSXEBR
Set Contains:



204PFSXEBR

204PFSXEBR 4 pc 3/8" Drive External TORX® Power Swivel Extension Socket Foam Set

- Great for difficult access where the use of one tool works better than three (socket, swivel and extension)
- 30° uninterrupted swivel action means greater accessibility in tight quarters, allowing for easier, faster removal of stubborn fasteners, thus saving time
- Laser-welded pivot pin allows smooth, full 30° swivel action for efficient power transfer at any angle with no loss in torque output, prolonging the life of the socket
- Spring-loaded adjustable swivel pre-positions the socket for quick accessibility
- Socket end is manufactured to exact tolerances with a shallow lead-in countersink which ensures a tight fit to regular height and low profile fasteners reducing the chance of slippage or damage
- Manufactured from special alloy steel and heat-treated for optimum strength and durability
- Industrial finish helps protect against corrosion
- Modular foam organizer is designed for maximum tool concentration on the smallest possible footprint and can be reconfigured in the drawer to accommodate new tool sets

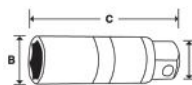
FLANK DRIVE® SPARK PLUG SOCKETS

3/8" DRIVE TOOLS

Standard, mm

mm	6	12	Stock No.	A	B	C	Rubber Insert
14 mm	S9714MKL	—	S9714MKL	16.0	19.6	149.2	S9714MK-2
14 mm	S9714MKS	—	S9714MKS	16.0	19.6	66.0	S9714MK-2
18 mm	S9711KA	—	S9711KA	11/16	24.3	66.9	S9706KARI
14 mm	—	S9714MK	S9714MK	16.0	19.6	66.0	S9714MK-2
14 mm	—	S9714MKDEU	S9714MKDEU	16.0	19.6	66.0	S9714MK-2
14 mm	—	S9714MKDL	S9714MKDL	16.0	19.6	149.2	S9714MK-2
16 mm	—	S9716MKDL	S9716MKDL	5/8	20.4	101.6	S9706KARI

ANSI® B107.34M



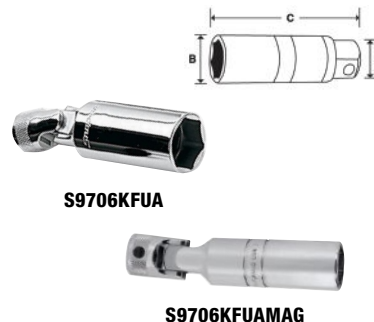
Ball Joint Swivel

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



Universal

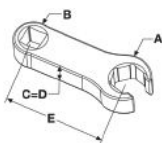
#	6	12	A	B	C	Rubber Insert
13/16"	S9704KFUA	—	3/8	13/16	3-9/16	S9705A2
5/8"	S9706KFUA	—	3/8	5/8	3-23/32	S9706KARI
9/16"	S9716KFUA	—	3/8	3/4	2-15/16	S9714MK-2
14 mm	S9714MKFUA	—	3/8	25/32	3-1/8	S9714MK-2
14	—	S9714MKDFUA	3/8	25/32	3-1/8 (79.5)	S9714MK-2
5/8	S9706KFUAMAG	—	3/8	27/32	3-3/4	S9706KARI



TORQUE ADAPTORS



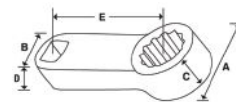
208FRDHM



208FRDHM



208FRDH



208FRDH

Standard, mm, Chrome (3/8")

Set Contains: 12

Working Torque, in-lb	mm	12	A	B	C	D	E	12
212	8	FRDHM8	12.1	19.1	6.2	10.9	50.8	
420	10	FRDHM10	17.1	18.8	7.8	11.0	50.8	•
690	12	FRDHM12	18.8	18.8	8.2	11.0	50.8	•
720	13	FRDHM13	21.0	18.8	7.8	11.0	50.8	•
1,050	14	FRDHM14	21.0	18.8	9.4	11.0	50.8	•
1,200	15	FRDHM15	25.1	18.8	7.8	11.0	50.8	•
1,400	16	FRDHM16	22.6	18.8	11.0	11.0	50.8	•
804	17	FRDHM17	25.1	18.8	12.4	10.9	50.8	
1,400	18	FRDHM18	22.4	18.8	13.3	11.0	50.8	•
1,400	19	FRDHM19	27.4	18.8	13.3	11.0	50.8	•
2,000	21	FRDHM21	30.9	18.8	10.9	10.9	50.8	
2,000	22	FRDHM22	32.7	18.8	11.0	11.0	50.800	

Standard, Inches, Chrome (3/8")

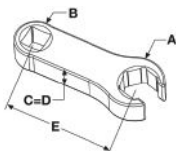
Set Contains: 12

Working Torque, in-lb		12	A	B	C	D	E	12
190	5/16	FRDH101	0.475	.750	1/4	7/16	2	•
420	3/8	FRDH121	0.570	.750	5/16	7/16	2	•
500	7/16	FRDH141	0.655	.750	11/32	7/16	2	•
710	1/2	FRDH161	0.740	.750	11/32	7/16	2	•
1,050	9/16	FRDH181	0.825	.750	3/8	7/16	2	•
1,400	5/8	FRDH201	0.890	.750	7/16	7/16	2	•
1,400	11/16	FRDH221	0.989	.750	1/2	7/16	2	•
1,400	3/4	FRDH241	1.080	.750	1/2	7/16	2	•
2,000	7/8	FRDH281	1.28	3/4	7/16	7/16	2.0	
2,706	15/16	FRDH301	1.374	.750	7/16	7/16	2	



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

TORQUE ADAPTORS



206FRHLM1015



206FRHLM1621

Flare Nut, mm, Chrome (3/8")

- Flare nut torque adaptor geometry allows for simplified access and better engagement on line nuts
- Square drive geometry and consistent two inch center-to-center distance allows for reliable torque application with the use of a torque wrench
- Nickel-chrome finish helps protect against corrosion and makes it easy to wipe clean
- Heat treated for optimum strength and durability

Set Contains:

206FRHLM1015

206FRHLM1621

Working Torque, in-lb	mm	Stock No.	A	B	C	D	E		
320	10	FRHLM10	19.736	18.796	9.144	9.144	50.800	•	
400	11	FRHLM11	21.031	18.796	9.144	9.144	50.800	•	
480	12	FRHLM12	22.352	18.796	9.144	9.144	50.800	•	
560	13	FRHLM13	23.673	18.796	9.144	9.144	50.800	•	
640	14	FRHLM14	25.0	18.796	11.430	11.430	50.800	•	
720	15	FRHLM15	26.314	18.796	11.430	11.430	50.800	•	
800	16	FRHLM16	27.610	18.796	11.430	11.430	50.800		•
880	17	FRHLM17	28.931	18.796	12.192	12.192	50.800		•
960	18	FRHLM18	30.251	18.796	12.192	12.192	50.800		•
1,040	19	FRHLM19	31.623	18.796	12.192	12.192	50.800		•
1,120	20	FRHLM20	32.664	18.796	14.478	14.478	50.800		•
1,200	21	FRHLM21	33.706	18.796	14.478	14.478	50.800		•



FTA35

Torque Adaptor

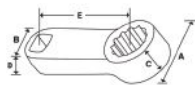
FTA35 3/8" Drive Female/Male Torque Adaptor

- 3.5" center-to-center

SPLINE TORQUE ADAPTORS

Spline, Low-Profile, inches

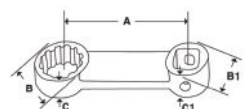
- Precision crafted from special alloy steel and heat treated for optimum strength and durability
- Nickel-chrome finish helps protect against corrosion and makes it easy to wipe clean
- Unique spline wrenching configuration can be used on ordinary 6- and 12-point fasteners
- Ideal for use with torque wrenches
- Will save time and avoid clearance issues when working on propeller assemblies
- Works on a wide variety of Lycoming® and Continental® engines used in Piper®, Cessna® and Mooney® aircraft



FRESL24

Working Torque, in-lb	mm	Stock No.	A	B	C	D	E
224	7/16	FRESL14	3/4 (19.05)	3/4 (19.05)	3/16 (4.76)	7/16 (11.11)	2 (50.8)
312	1/2	FRESL16	25/32 (19.84)	3/4 (19.05)	3/16 (4.76)	7/16 (11.11)	2 (50.8)
360	9/16	FRESL18	13/16 (20.64)	3/4 (19.05)	3/16 (4.76)	7/16 (11.11)	2 (50.8)
480	5/8	FRESL20	29/32 (22.8)	47/64 (18.8)	3/16 (4.7)	7/16 (10.9)	2 (50.8)
556	11/16	FRESL22	1 (25.1)	47/64 (18.8)	3/16 (4.7)	7/16 (10.9)	2 (50.8)
465	3/4	FRESL24	1-5/64 (50.2)	3/4 (19.05)	7/16 (11.11)	3/16 (4.76)	2 (50.8)
605	7/8	FRESL28	1-1/4 (31.75)	3/4 (19.05)	7/16 (11.11)	3/16 (4.76)	2 (50.8)
888	15/16	FRESL30	1-5/16 (33.9)	47/64 (18.8)	3/16 (4.7)	7/16 (10.9)	2 (50.8)

Spline, Inches, Chrome (3/8")



FRES10

Working Torque, in-lb	mm	Stock No.	A	B-B1	C-C1
140	7/32	FRES7	2	.375-.750	1/4-7/16
195	1/4	FRES8	2	.400-.750	1/4-7/16
220	9/32	FRES9	2	.445-.750	1/4-7/16
250	5/16	FRES10	2	.490-.750	1/4-7/16
515	3/8	FRES12	2	.590-.750	5/16-7/16
875	7/16	FRES14	2	.680-.750	5/16-7/16
1,575	1/2	FRES16	2	.745-.750	5/16-7/16
1,750	9/16	FRES18	2	.825-.750	3/8-7/16
1,750	5/8	FRES20	2	.895-.750	3/8-7/16
1,750	11/16	FRES22	2	.997-.750	1/2-7/16
1,750	3/4	FRES24	2	1.08-.750	9/16-7/16

★ TORX®/Standard, Industrial (3/8")

Set Contains:

207EFTXY

#	Chrome Stock No.	Industrial Stock No.	A	B	C	D	
T27	FTX27E	GFTX27E	1-3/4	45/64	11/16	FTX27E2	•
T30	FTX30E	GFTX30E	1-3/4	45/64	11/16	FTX30E2	•
T40	FTX40E	GFTX40E	1-3/4	45/64	11/16	FTX40E2	•
T45	FTX45E	GFTX45E	2-1/16	1	11/16	FTX45E2	•
T47	FTX47E	—	2-1/16	1	11/16	FTX47E2	•
T50	FTX50E	GFTX50E	2-1/16	1	11/16	FTX50E2	•
T55	FTX55E	GFTX55E	2-1/16	1	45/64	FTX55E2	•
T60	FTX60E	—	2-7/32	1-17/64	15/16	FTX60E2	•



207EFTXY



212EFTXY

Set includes storage tray
*T47 is not a TORX® licensed product.

207EFTXY 7 pc 3/8" Drive TORX® Bit Standard Socket Set

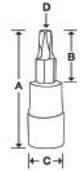
- Includes (7) sockets (FTX27E–FTX55E TORX® sockets) plus FTX47E GM® Style Driver (T27–T55 plus GM® style T47) in a storage tray

212EFTXY 12 pc Combination Drive TORX® Bit Standard Socket Set

- Includes (5) 1/4" drive TORX® drivers (TTX8E–TTX25E), plus (6) 3/8" drive TORX® drivers (FTX27E–FTX55E) and (1) 3/8" drive FTX47E GM®-style driver (T47) in a magnetic storage tray
- High-grade steel for strength and reliability
- Nickel-chrome plating helps protect against corrosion and makes it easy to wipe clean
- Use of a standard TORX® bit socket on a TORX Plus® fastener may result in a rounded out fastener head or damaged bit socket

★ TORX®/Long, Chrome (3/8")

#	Stock No.	A	B	C	D
T27	FTXL27E	4-1/4	3-13/64	11/16	FTXL27E2
T30	FTXL30E	4-1/4	3-13/64	11/16	FTXL30E2
T40	FTXL40E	4-1/4	3-13/64	11/16	FTXL40E2
T45	FTXL45E	4-1/4	3-13/64	11/16	FTXL45E2
T50	FTXL50E	4-1/4	3-13/64	11/16	FTXL50E2



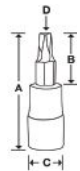
FTXL27E

210EFTXL 10 pc Combination Drive TORX® Bit Long Socket Set

- Includes 1/4" drive TTXL8E–TTXL25E (T8–T25) and 3/8" drive FTXL27E–FTXL50E (T27–T50) in a storage tray
- Nickel-chrome plating helps protect against corrosion and makes it easy to wipe clean
- Manufactured from special alloy steel and treated for optimum strength and durability
- Use of a standard TORX® bit socket on a TORX Plus® fastener may result in a rounded out fastener head or damaged bit socket

★ TORX®/Tamper-Resistant, Chrome (3/8")

#	Stock No.	A	B	C	D
T27	FTXR27E	1-49/64	45/64	11/16	FTXR27E2
T30	FTXR30E	1-49/64	45/64	11/16	FTXR30E2
T40	FTXR40E	1-49/64	45/64	11/16	FTXR40E2
T45	FTXR45E	2-1/16	1	11/16	FTXR45E2
T50	FTXR50E	2-1/16	1	11/16	FTXR50E2



FTXR27E

210EFTXY 10 pc Combination Drive TORX® Bit Tamper-Resistant Socket Set

- Includes 1/4" drive TTXR8E–TTXR25E (TR8–TR25) and 3/8" drive FTXR27E–FTXR50E (TR27–TR50) in a magnetic storage tray
- Two piece pinless design holds bit securely in socket while facilitating quick bit replacement
- Cold-formed socket delivers a strong, durable tool
- Nickel-chrome alloy finish resists against rust and corrosion



210EFTXY

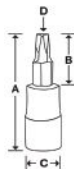


• Do not use chrome or industrial finish hand tools with power drivers or impact drivers.
• Read Safety Precautions on pages W1–W4

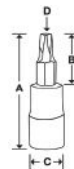
TORX® BIT SOCKETS



207EFTXYSE



FTXB27E



★ TORX®/Stubby, Chrome (3/8")

Set Contains:

207EFTXYSE

#	Stock No.	A	B	C	D	
T27	FTX27SE	1-13/32	11/32	11/16	FTX27SE2	•
T30	FTX30SE	1-13/32	11/32	11/16	FTX30SE2	•
T40	FTX40SE	1-13/32	11/32	11/16	FTX40SE2	•
T45	FTX45SE	1-13/32	11/32	11/16	FTX45SE2	•
T47	FTX47SE*	1-13/32	11/32	11/16	FTX47SE2	•
T50	FTX50SE	1-13/32	11/32	11/16	FTX50SE2	•
T55	FTX55SE	1-29/64	25/64	45/64	FTX55SE2	•

Set shown includes magnetic storage tray.
*T47 is not a TORX® licensed product.

★ TORX®/Heavy-Duty Removal, Chrome (3/8")

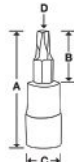
#	Stock No.	A	B	C	D
T27	FTXB27E	1-49/64	45/64	11/16	FTXB27E2
T30	FTXB30E	1-49/64	45/64	11/16	FTXB30E2
T40	FTXB40E	1-49/64	45/64	11/16	FTXB40E2
T45	FTXB45E	2-1/16	1	11/16	FTXB45E2
T50	FTXB50E	2-1/16	1	11/16	FTXB50E2
T55	FTXB55E	2-1/32	31/32	45/64	FTXB55E2

209EFTXBY 9 pc Combination Drive TORX® Bit Heavy-Duty Removal Socket Set

- Includes 1/4" drive TTXB15E–TTXB25E (T15–T25) and 3/8" drive FTXB27E–FTXB50E (T27–T55) in a magnetic storage tray
- Tapered profile provides better engagement on stubborn fasteners
- Nickel-chrome plating helps protect against corrosion and makes it easy to wipe clean
- Manufactured from special alloy steel and treated for optimum strength and durability
- Use of a standard TORX® bit socket on a TORX Plus® fastener may result in a rounded out fastener head or damaged bit socket



211EFTXTPY



★ TORX Plus®/Tamper-Resistant, Chrome (3/8")

#	Stock No.	A	B	C	D
T27	FTXR27TPE	1-49/64	45/64	11/16	FTXR27TPE2
T30	FTXR30TPE	1-49/64	45/64	11/16	FTXR30TPE2
T40	FTXR40TPE	1-49/64	45/64	11/16	FTXR40TPE2
T45	FTXR45TPE	2-1/32	31/32	11/16	FTXR45TPE2
T50	FTXR50TPE	2-9/64	1-5/64	45/64	FTXR50TPE2
T55	FTXR55TPE	2-11/32	1-9/32	15/16	FTXR55TPE2

FTXR40TPE 3/8" Drive TORX Plus® 40IPR Tamper-Resistant Bit Socket Driver

- Quickly removes and replaces the reverse idler shaft on 2001/2002 Ford® Mustang® GT® vehicles using the TREMEC3650 manual transmission
- Also use on the camshaft bolts on 2008 Toyota® Tundra® with the 5.7 L engine
- Five-lobe configuration
- 2 pc pinless design holds bit securely in socket while facilitating quick bit replacement
- Cold-formed socket delivers a strong, durable tool
- Chrome plating resists corrosion and clean easily
- For sale to authorized technicians only

211EFTXTPY 11 pc Combination Drive Tamper-Resistant TORX Plus® Socket Driver Set

- Includes 1/4" drive (8IPR–55IPR) and 3/8" Drive (27IPR–55IPR)
- Applications: 2003 Ford® Mustang® transmissions, 2004 Ford® F-150® transfer case, 2004 Porsche® Cayenne® turbo air sensor, Delphi® and Stanadyne® pumps, Cummins® B and C engine injection pumps and John Deere® diesel injector pumps
- Includes magnetic storage tray

Combination Bit Socket Sets

237HEXTORXST 37 pc Combination Drive Socket Driver Set

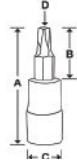
- Up to 20% stronger than 1 pc bit designs and up to twice ANSI® proof load
- Heat-treated for strength and durability
- Precise fit to fasteners and multiple detents for secure drive attachment
- Includes:
 - (5) 1/4" Drive Standard TORX® Bit Sockets
 - (7) 3/8" Drive Standard TORX® Bit Sockets
 - (7) 3/8" Drive Stubby TORX® Bit Sockets
 - (3) 3/8" Drive Triple Square Drivers
 - (7) 3/8" Drive Metric Hex Bit Sockets
 - (4) 1/4" Drive Stubby Metric Hex Bit Sockets
 - (4) 3/8" Drive Stubby Metric Hex Bit Sockets



237HEXTORXST



GFTX500E



★ TORX®/Special Application, Chrome (3/8")

#	Stock No.	Description	A	B	C	D
T40	FTXEL40E	3/8" Drive TORX® T40 Extra-Long Bit Socket Driver	7-1/2	6-7/16	11/16	FTXEL40E2
T45	FTXEL45E	3/8" Drive TORX® T45 Extra-Long Bit Socket Driver	7-11/16	6-5/8	11/16	FTXEL45E2
T40	FTXR40TPE	3/8" Drive TORX Plus® 40IPR Tamper-Resistant Bit Socket Driver	1-49/64	45/64	11/16	FTXR40TPE2
T30	FTXEL30TPE	3/8" Drive TORX Plus® T30 Extra-Long Bit Socket Driver	5	3-15/16	11/16	FTXEL30TPE2

FTXEL30TPE 3/8" Drive TORX Plus® T30 Extra-Long Bit Socket Driver

- For removing the engine harness from the firewall on 2007 and newer
- For Volvo® trucks with D16, MPT 8 and MPT 10 engines, Cummins® ISX fuel timing and metering actuators

FTXEL40E 3/8" Drive TORX® T40 Extra-Long Bit Socket Driver

- Applications include service on intake manifold bolts on Ford® 5.0 L engines with fuel injection, model years 1985–1990

FTXEL45E 3/8" Drive TORX® T45 Extra-Long Bit Socket Driver

- Quickly and easily access intake bolts on Cummins® N14 diesel engines without removing the air pump
- Can also be used on older Cummins® NH Big Cam 4 diesel engines
- 3/8" square drive
- Various applications on European vehicles

GFTX500E 3/8" Drive T47 GM®-Style Bit Socket Driver

- For use on GM® door strikers and seat belt bolts

★ TORX Plus®/Chrome (3/8")

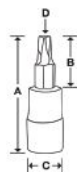
#	Stock No.	A	B	C	D
T27	FTX27TPE	1-49/64	45/64	11/16	FTX27TPE2
T30	FTX30TPE	1-49/64	45/64	11/16	FTX30TPE2
T40	FTX40TPE	1-49/64	45/64	11/16	FTX40TPE2
T45	FTX45TPE	2-9/64	1-5/64	11/16	FTX45TPE2
T50	FTX50TPE	2-9/64	1-5/64	45/64	FTX50TPE2
T55	FTX55TPE	2-27/64	1-23/64	15/16	FTX55TPE2



FTX27TPE



211EFTXTPY



211EFTXTPY 11 pc Combination Drive TORX Plus® Bit Socket Driver Set

- Includes 1/4" drive (81P–251P) and 3/8" drive (271P–551P) in a magnetic storage tray
- TORX Plus® fasteners may be found in most vehicles from 1999–present
- Common applications include GM® transmission bell housing bolts, Ford® seat belt anchors, and Ford® Taurus® and Sable® front spring shields
- Use of a standard TORX® driver on TORX Plus® fasteners may result in a rounded-out fastener head or damaged driver

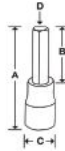


• Do not use chrome or industrial finish hand tools with power drivers or impact drivers.
 • Read Safety Precautions on pages W1–W4

METRIC HEX BIT SOCKETS



211EFAMY



Hex/Standard, mm,
Chrome (3/8")

Set
Contains:

211EFAMY
207EFAMY

mm		A	B	C	D		
2	FAM2E	51.1	24.1	17.2	FAM2E2		
2.5	FAM2.5E	51.1	24.1	17.2	FAM2.5E2		
3	FAM3E	51.1	24.1	17.2	FAM3E2		
4	FAM4E	52.3	25.4	17.2	FAM4E2	•	•
5	FAM5E	52.3	25.4	17.2	FAM5E2	•	•
6	FAM6E	52.6	25.4	17.2	FAM6E2	•	•
7	FAM7E	52.6	25.7	17.2	FAM7E2	•	•
8	FAM8E	52.3	25.4	17.2	FAM8E2	•	•
9	FAM9E	52.6	25.7	17.2	FAM9E2	•	•
10	FAM10E	52.6	25.7	17.2	FAM10E2	•	•
11	FAM11E	66.2	39.2	17.2	FAM11E2	•	
12	FAM12E	66.7	39.8	20.2	FAM12E2	•	
13	FAM13E	67.7	40.8	20.2	FAM13E2	•	
14	FAM14E	67.7	40.8	24	FAM14E2	•	

Sets shown include magnetic storage tray

210EFTAMY 10 pc Combination Drive Metric Standard Hex Bit Socket Set

- Includes 1/4" drive TMAM2E–TMAM3E (2–3 mm) and 3/8" drive FAM4E–FAM10E (4–10 mm) in a magnetic storage tray



FAMXS10E

208EFTAMXSY



Hex/Stubby, mm, Chrome (3/8")

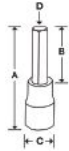
mm		A	B	C	D
7	FAMXS7E	34.8	7.9	17.2	FAMXS7E2
8	FAMXS8E	35.8	8.9	17.2	FAMXS8E2
9	FAMXS9E	36.8	9.9	17.2	FAMXS9E2
10	FAMXS10E	37.8	10.9	17.2	FAMXS10E2

208EFTAMXSY 8 pc Combination Drive Metric Hex Bit Stubby Socket Driver Set

- Includes 1/4" drive TMAMXS3E–TMAMXS6E (3–6 mm) and 3/8" drive FAMXS7E–FAMXS10E (7–10 mm) in a magnetic storage tray
- Short bit length for use in limited-access spaces
- Sockets are manufactured from special alloy steel that provides long life and great strength
- Nickel-chrome plating helps protect against corrosion and makes it easy to wipe socket clean



206EFAML



Hex/Long, mm, Chrome (3/8")

Set
Contains:

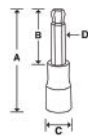
206EFAML

mm		A	B	C	D	
4	FAML4E	153.9	127.0	17.2	FAML4E2	•
5	FAML5E	153.9	127.0	17.2	FAML5E2	•
6	FAML6E	154.2	127.3	17.2	FAML6E2	•
7	FAML7E	154.2	127.3	17.2	FAML7E2	•
8	FAML8E	153.9	127.0	17.2	FAML8E2	•
10	FAML10E	153.9	127.0	17.2	FAML10E2	•



FABM10E

208EFTABMY



Ball Hex/Standard, mm, Chrome (3/8")

mm		A	B	C	D
7	FABM7E	52.6	25.7	17.2	FABM7E2
8	FABM8E	52.6	25.7	17.2	FABM8E2
9	FABM9E	52.6	25.7	17.2	FABM9E2
10	FABM10E	52.6	25.7	17.2	FABM10E2

208EFTABMY 8 pc Combination Drive Metric Ball Hex Bit Socket Set

- Includes 1/4" drive TMABM3E–TMABM6E (3–6 mm), 3/8" drive FABM7E–FABM10E (7–10 mm) in a magnetic storage tray
- Ball end of bit makes it easier to insert bit into fastener, especially in blind-access applications
- Sockets are manufactured from special alloy steel that provides long life and great strength
- Nickel-chrome plating helps protect against corrosion and makes it easy to wipe socket clean

METRIC HEX BIT SOCKETS



Ball Hex/Long, mm, Chrome (3/8")

206EFABLM

Set Contains:

mm		A	B	C	D	
4	FABLM4E	128.5	101.6	17.2	FABLM4E2	•
5	FABLM5E	128.5	101.6	17.2	FABLM5E2	•
6	FABLM6E	128.5	101.6	17.2	FABLM6E2	•
7	FABLM7E	128.5	101.6	17.2	FABLM7E2	•
8	FABLM8E	128.5	101.6	17.2	FABLM8E2	•
10	FABLM10E	128.5	101.6	17.2	FABLM10E2	•

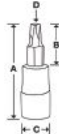
Set includes storage tray

206EFABLM 6 pc 3/8" Drive Metric Long Ball Hex Bit Socket Set

- Includes FABLM4E–FABLM10E (4–10 mm) in a plastic storage tray
- Extra-long bit length provides increased reach in limited-access spaces
- Ball-end of bit makes it easier to insert bit into fastener, especially in blind access application
- Sockets are manufactured from special alloy steel that provides long life and great strength
- Nickel-chrome plating helps protect against corrosion and makes it easy to wipe socket clean



FADM8E



Double Hex/Standard, mm, Chrome (3/8")

- Double Hex Socket Drivers and Triple Square Socket Drivers cannot be interchanged between applications
- Triple square hex sockets have 90° corners and double hex bit sockets have 120° corners
- Using a Triple Square tool in a Double Hex application will strip the bolt head
- In general, Triple Square tools are used on European vehicles and Double Hex tools are used on Asian vehicles

mm		A	B	C	D
8	FADM8E	74.6	24.3	17.2	FADM8E2
8	FADM8LE	121.9	95	18	FADM8LE2

HEX BIT SOCKETS



GFA10E



208EFAY



Set Contains:

Hex/Standard, inches (3/8")

			A	B	C	D	Fits These Cap Screws	Fits These Set Screws		
1/8	FA4E	GFA4E	2-1/16	1	11/16	TMA4E2	—	1/4"	•	•
9/64	FA4.5E	GFA4.5E	2-1/16	9/64	11/16	TMA4.5E2	#8	—	•	•
5/32	FA5E	GFA5E	2-1/16	1	11/16	FA5E2	#10	5/16"	•	•
3/16	FA6E	GFA6E	2-1/16	1	11/16	FA6E2	1/4"	3/8"	•	•
7/32	FA7E	GFA7E	2-1/16	1-1/64	11/16	FA7E2	—	7/16"	•	•
1/4	FA8E	GFA8E	2-1/16	1-1/64	11/16	FA8E2	5/16"	1/2"	•	•
5/16	FA10E	GFA10E	2-1/16	1	11/16	FA10E2	3/8"	5/8"	•	•
3/8	FA12E	GFA12E	2-3/32	1-1/32	11/16	SA12E2	7/16" and 1/2"	3/4"	•	•

Sets include storage tray

212EFTAY 12 pc Combination Drive SAE Standard Hex Driver Bit Socket Set

- Includes 1/4" drive TMA2E–TMA3E (1/16–3/32") and 3/8" drive FA4E–FA12E (1/8–3/8") in a magnetic storage tray
- Indispensable sockets for a wide variety of applications in automotive (foreign and domestic), aviation and industrial settings
- Sockets are manufactured from special alloy steel that provides long life and great strength
- Nickel-chrome plating helps protect against corrosion and makes it easy to wipe socket clean



FAXS10E



208EFTAXSY



Hex/Stubby, Inches, Chrome (3/8")

		A	B	C	D
7/32	FAXS7E	1-5/16	1/4	11/16	FAXS7E2
1/4	FAXS8E	1-11/32	9/32	11/16	FAXS8E2
5/16	FAXS10E	1-13/32	11/32	11/16	FAXS10E2
3/8	FAXS12E	1-15/32	13/32	11/16	FAXS12E2

208EFTAXSY 8 pc Combination Drive SAE Hex Bit Stubby Socket Driver Set

- Includes 1/4" drive TMAXS4E–TMAXS6E (1/8–3/16") and 3/8" drive FAXS8E–FAXS12E (1/4–3/8") in a magnetic storage tray
- Short bit length for use in limited-access spaces
- Sockets are manufactured from special alloy steel that provides long life and great strength
- Nickel-chrome plating helps protect against corrosion and makes it easy to wipe socket clean



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

HEX BIT SOCKETS



206EFAL



Hex/Long, Inches, Chrome (3/8")

Set Contains:

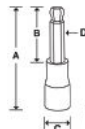
206EFAL

			A	B	C	D	Fits These Cap Screws	Fits These Set Screws	
5/32	FA5LE	6-1/16	5	11/16	FA5LE2	#10	5/16"	•	
3/16	FA6LE	6-9/64	5-5/64	11/16	FA6LE2	1/4"	3/8"	•	
7/32	FA7LE	6-9/64	5-5/64	11/16	FA7LE2	—	7/16"	•	
1/4	FA8LE	6-9/64	5-5/64	11/16	FA8LE2	5/16"	1/2"	•	
5/16	FA10LE	6-1/16	5	11/16	FA10LE2	3/8"	5/8"	•	
3/8	FA12LE	6-3/32	5-1/32	11/16	FA12LE2	1/4"	3/4"	•	

Set includes storage tray



206EFABL



Ball Hex/Long, Inches, Chrome (3/8")

Set Contains:

206EFABL

			A	B	C	D	
5/32	FABL5E	5-1/16	4	11/16	FABL5E2	•	
3/16	FABL6E	5-1/64	3-61/64	11/16	FABL6E2	•	
7/32	FABL7E	5-1/16	1-1/16	11/16	FABL7E2	•	
1/4	FABL8E	5-1/16	1-1/16	11/16	FABL8E2	•	
5/16	FABL10E	5-1/16	1-1/16	11/16	FABL10E2	•	
3/8	FABL12E	5-1/16	1-1/16	11/16	FABL12E2	•	

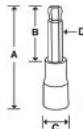
Set includes storage tray



FAB10E



208EFTABY



Ball Hex/Standard, Inches, Chrome (3/8")

			A	B	C	D
7/32	FAB7E	2-1/16	1-1/64	11/16	FAB7E2	
1/4	FAB8E	2-1/16	1-1/64	11/16	FAB8E2	
5/16	FAB10E	2-3/32	1-1/32	11/16	FAB10E2	
3/8	FAB12E	2-3/32	1-1/32	11/16	FAB12E2	

208EFTABY 8 pc Combination Drive SAE Standard Ball Hex Bit Socket Set

- Includes 1/4" drive TMAB4E–TMAB6E (1/8–3/16") and 3/8" drive FAB7E–FAB12E (7/32–3/8"), in a magnetic storage tray
- Ball end of bit makes it easier to insert bit into fastener, especially in blind access applications
- Sockets are manufactured from special alloy steel that provides long life and great strength
- Nickel-chrome plating helps protect against corrosion and makes it easy to wipe sockets clean

TRIPLE SQUARE BIT SOCKETS



FTSM8LE



● Triple Square/Standard, mm, Chrome (3/8")

- Double hex sockets and triple square sockets cannot be interchanged between applications
- Using a triple square tool in a double hex application will strip the bolt head
- In general, triple square tools are used on European vehicles and double hex tools are used on Asian vehicles

Type		Stock No.	A	B	C	D
Standard Length	4	FTSM4E	48.6	21.6	17.2	FTSM4E2
	5	FTSM5E	48.6	21.6	17.2	FTSM5E2
	6	FTSM6E	48.6	21.6	17.2	FTSM6E2
	8	FTSM8E	58.1	31.2	17.2	FTSM8E2
Long	10	FTSM10E	68.1	41.2	17.2	FTSM10E2
	8	FTSM8LE	101.6	74.7	17.2	FTSM8LE2
	10	FTSM10LE	101.6	74.7	17.2	FTSM10LE2

Set includes storage tray

TSS7KIT 7 pc Combination Drive Metric Standard Triple Square Socket Driver Set

- Includes 3/8" drive FTSM6E–FTSM10E (6–10 mm) and STSM12E–STSM18E (12–18 mm) in a storage tray
- Manufactured from special alloy steel, precision forged and heat-treated for optimum strength and durability
- Nickel-chrome alloy finish resists against rust and corrosion

FTSM6E 3/8" Drive Metric 6 mm Standard Triple Square Bit Socket

- Use to remove seat hold-down nuts on 1999 and later GM® full-size pickup trucks; also for use on VW® disc brake calipers

FTSM8E 3/8" Drive Metric 8 mm Standard Triple Square Bit Socket

- Remove and install head and accessory bolts on Mercedes-Benz® and axle shaft bolts on VW® and Audi® vehicles

FTSM10E 3/8" Drive Metric 10 mm Standard Triple Square Bit Socket

- Used for cylinder head bolts and drive shaft bolts on Mercedes-Benz® and remove and install axle shaft bolts on VW® and Audi® vehicles

SPECIAL APPLICATION BIT SOCKETS

Mortorq®/Standard, Industrial (3/8")

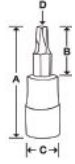
#	Stock No.	A	B	C	D
MTS-0	PFMTS0E	1-49/64	45/64	11/16	PFMTS0E2
MTS-1	PFMTS1E	1-49/64	45/64	11/16	PFMTS1E2
MTS-2	PFMTS2E	1-15/16	7/8	11/16	PFMTS2E2
MTS-3	PFMTS3E	2-7/64	1-1/32	11/16	PFMTS3E2
MTS-4	PFMTS4E	2-7/65	1-1/33	11/16	PFMTS4E2



PFMTS2E



PFMTS4E



PFMTS4E 3/8" Drive Mortorq® MTS-4 Pinless Bit Socket Driver

- Use to remove/install the bolts that secure the bell housing to the transmission on GM® 4L60 transmissions
- Manufactured from special alloy steel and heat treated for optimum strength
- Snap-on® bits are designed with precise fit and tight tolerance to prevent slippage and disengagement
- Industrial, black-oxide, finish helps protect against corrosion

PFMTS1E 3/8" Drive Mortorq® MTS-1 Pinless Bit Socket Driver

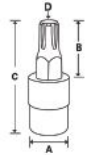
- Applications: For seat tracks on 2009 Mazda® 6
- Other seat applications: Cadillac® CTS®, Nissan® Maxima® and Altima®

Ribe® Bit Sockets

Size	Stock No.	A	B	C	D
R5	F5RBE	0.679	1	2.07	F5RBE2
R6	F6RBE	0.679	1	2.07	F6RBE2
R8	F8RBE	0.679	1	2.07	F8RBE2
R10	F10RBE	0.706	1	2.07	F10RBE2



F10RBE



FLAT TIP BIT SOCKETS

— Flat Tip (3/8")

	#	Stock No.	Industrial Stock No.	A	B	C	D
Standard Length	1/4 x 1/32	F23E	—	3	1-15/16	11/16	F23E2A
	5/16 x 3/64	F25E	GF25E	3	1-15/16	11/16	F25E2A
	3/8 x 1/16	F31E	GF31E	3-7/16	2-3/8	11/16	F31E2A
Short	1/4 x 1/32	F42E	—	1-53/64	49/64	11/16	F42E2
	5/16 x 1/16	F52E	—	1-13/16	3/4	11/16	F52E2
	3/8 x 1/16	F62E	GF62E	1-7/8	13/16	11/16	F62E2



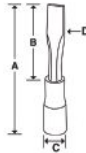
F23E



F42E



GF25E



PHILLIPS® TIP BIT SOCKETS

+ PHILLIPS® (3/8")

	#	Stock No.	Industrial Stock No.	A	B	C	D
Standard Length	#2	FP22E	GFP22E	2-1/16	1	11/16	FP22E2
	#3	FP32E	—	2-21/64	1-1/4	11/16	FP32E2
	#4	FP41E	—	1-11/16	5/8	11/16	FP41E2
Short	#3	FPS32E	—	1-29/32	27/32	11/16	SP32E2
Long	#2	FP24E	—	4-3/64	3	11/16	FP24E2
	#3	FP34E	—	4-3/64	3	11/16	FP34E2
	#4	FP42E	—	2-9/16	1-1/2	11/16	FP42E2



FP22E



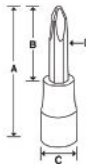
GFP22E



FPS32E



FP34E



POZIDRIV® AND CLUTCH BIT SOCKETS

+ Pozidriv®/Standard, Chrome (3/8")



FPD32E



#	Stock No.	A	B	C	D
#2	FPD22E	2-1/16	1	15/32	FPD22E2
#3	FPD32E	2	15/16	15/32	FPD32E2

☛ Clutch/Standard, Chrome (3/8")



F29E



#	Stock No.	A	B
3/8	F29E	3/8	1-3/4
5/16	F30E	19/64	1-3/4



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

IMPACT DRIVERS AND SETS



PIT2230E



234EPIT

Impact Drivers (3/8")

Set Contains:

PIT2230E
234EPIT

Stock No.	Description	PIT2230E	234EPIT
PIT120	3/8" Drive Impact Driver	•	•
F42E	3/8" Drive 1/4" Flat Tip Short Bit Socket Driver	•	
F42E2	1/4" Short Flat Tip Driver Bit	•	
F52E	3/8" Drive 5/16" Flat Tip Short Bit Socket Driver	•	
F52E2	5/16" Short Flat Tip Driver Bit	•	
F62E	3/8" Drive 3/8" Flat Tip Short Bit Socket Driver	•	
F62E2	3/8" Short Flat Tip Driver Bit	•	•
FA6E	3/8" Drive SAE 3/16" Standard Hex Bit Socket Driver	•	
FA6E2	3/16" Standard Hex Driver Bit	•	
FA7E	3/8" Drive SAE 7/32" Standard Hex Bit Socket Driver	•	
FA7E2	7/32" Standard Hex Driver Bit	•	
FA8E	3/8" Drive SAE 1/4" Standard Hex Bit Socket Driver	•	•
FA8E2	1/4" Standard Hex Driver Bit	•	•
FA10E	3/8" Drive SAE 5/16" Standard Hex Bit Socket Driver	•	•
FA10E2	5/16" Standard Hex Driver Bit	•	
FA12E	3/8" Drive SAE 3/8" Standard Hex Bit Socket Driver	•	•
FA12E2	3/8" Standard Hex Driver Bit	•	•
FAM7E	3/8" Drive Metric 7 mm Standard Hex Bit Socket Driver		•
FAM8E	3/8" Drive Metric 8 mm Standard Hex Bit Socket Driver		•
FAM8E2	8 mm Standard Hex Driver Bit		•
FAM9E	3/8" Drive Metric 9 mm Standard Hex Bit Socket Driver		•
FAM10E	3/8" Drive Metric 10 mm Standard Hex Bit Socket Driver		•
FAM10E2	10 mm Standard Hex Driver Bit		
FTXB30E	3/8" Drive TORX® T30 Heavy-Duty Removal Bit Socket Driver		•
FTXB40E	3/8" Drive TORX® T40 Heavy-Duty Removal Bit Socket Driver		•
FTXB45E	3/8" Drive TORX® T45 Heavy-Duty Removal Bit Socket Driver		•
FTXB50E	3/8" Drive TORX® T50 Heavy-Duty Removal Bit Socket Driver		•
FTXB55E	3/8" Drive TORX® T55 Heavy-Duty Removal Bit Socket Driver		•
FTXB55E2	T55 TORX® Heavy-Duty Removal Driver Bit		
FTXB30E2	T30 TORX® Heavy-Duty Removal Driver Bit		•
FTXB40E2	T40 TORX® Heavy-Duty Removal Driver Bit		•
FTXB50E2	T50 TORX® Heavy-Duty Removal Driver Bit		•
FP22E	3/8" Drive #2 PHILLIPS® Standard Bit Socket Driver	•	•
FP22E2	#2 PHILLIPS® Standard Driver Bit	•	•

Sets include storage case

PIT2230E 36 pc 3/8" Drive Impact Driver Set

- Includes PIT120 Impact Driver plus all sockets, screwdrivers and replacement bits conveniently displayed in a storage tray that fits in the KRA142 metal box

234EPIT 34 pc 3/8" Drive Impact Driver Set

- Delivers cam action impact when struck with a hammer for loosening or tightening fasteners
- Snap-on® impact sockets are heat treated to optimize impact service life with a lower hardness than hand sockets and are able to withstand repeated cycling loads of impact wrenches

Set Contains:

PIT2230E
234EPIT

Stock No.	Description	PIT2230E	234EPIT
FP32E	3/8" Drive #3 PHILLIPS® Standard Bit Socket Driver	•	•
FP32E2	#3 PHILLIPS® Standard Driver Bit	•	•
FPS32E	3/8" Drive #3 PHILLIPS® Short Socket Driver		•
FP41E	3/8" Drive #4 PHILLIPS® Standard Bit Socket Driver	•	
FP41E2	#4 PHILLIPS® Standard Driver Bit	•	•
FP42E	3/8" Drive #4 PHILLIPS® Socket Driver	•	
FP42E2	#4 PHILLIPS® Long Driver Bit	•	
F29E	3/8" Drive SAE 3/8" Clutch Bit Socket Driver	•	
F30E	3/8" Drive SAE 5/16" Clutch Socket Driver		•
FPD22E	3/8" Drive #2 Pozidriv® Tip Bit Socket Driver	•	
IMF120A	3/8" Drive 6-Point SAE 3/8" Flank Drive® Shallow Impact Socket	•	
IMF140A	3/8" Drive 6-Point SAE 7/16" Flank Drive® Shallow Impact Socket		•
IMF160	3/8" Drive 6-Point SAE 1/2" Flank Drive® Shallow Impact Socket		•
IMF180	3/8" Drive 6-Point SAE 9/16" Flank Drive® Shallow Impact Socket	•	
IMF200	3/8" Drive 6-Point SAE 5/8" Flank Drive® Shallow Impact Socket		•
IMF220	3/8" Drive 6-Point SAE 11/16" Flank Drive® Shallow Impact Socket		•
IMF240	3/8" Drive 6-Point SAE 3/4" Flank Drive® Shallow Impact Socket		•
IMFA16	3/8" Drive SAE 1/2" Impact Rated Hex Driver		
IMFA18	3/8" Drive SAE 9/16" Impact Rated Hex Driver		
IMFAM12	3/8" Drive Metric 12 mm Impact Rated Hex Driver		
IMFAM14	3/8" Drive Metric 14 mm Impact Rated Hex Driver		
IMFM12	3/8" Drive 6-Point Metric 12 mm Flank Drive® Shallow Impact Socket		•
IMFM13	3/8" Drive 6-Point Metric 13 mm Flank Drive® Shallow Impact Socket		•
IMFM14	3/8" Drive 6-Point Metric 14 mm Flank Drive® Shallow Impact Socket		•
IMFM15	3/8" Drive 6-Point Metric 15 mm Flank Drive® Shallow Impact Socket		•
IMFM17	3/8" Drive 6-Point Metric 17 mm Flank Drive® Shallow Impact Socket		•
IMFM18	3/8" Drive 6-Point Metric 18 mm Flank Drive® Shallow Impact Socket		•
IMFM10A	3/8" Drive 6-Point Metric 10 mm Flank Drive® Shallow Impact Socket		•
GF22	3/8" Drive 11/16" Blade Width Drag Link Socket	•	
KRA142B	Metal Storage Case		
SAM10E2	10 mm Standard Hex Driver Bit		•
SP32E2	#3 PHILLIPS® Short Driver Bit		•
PAKPB070	Plastic Storage Box for 234EPIT		•

- Flank Drive® wrenching system delivers up to 20% more turning power without slipping or rounding while exceeding ANSI® performance standards
- Snap-on uses a proprietary blend of special alloy socket steel that provides long life and great strength
- Bit sockets bits are made from a high-grade steel for strength and reliability
- Includes PIT120 impact driver plus all sockets, screwdrivers and replacement bits (34 pc) in a storage case
- Bit sockets bits are made from a high-grade steel for strength and reliability

Impact Drivers (3/8")

Stock No.	Description	Set Contains:
PIT120	3/8" Drive Impact Driver	•
F42E	3/8" Drive 1/4" Flat Tip Short Bit Socket Driver	•
F52E	3/8" Drive 5/16" Flat Tip Short Bit Socket Driver	•
F62E	3/8" Drive 3/8" Flat Tip Short Bit Socket Driver	•
FP22E	3/8" Drive #2 PHILLIPS® Standard Bit Socket Driver	•
FP32E	3/8" Drive #3 PHILLIPS® Standard Bit Socket Driver	•
FP42E	3/8" Drive #4 PHILLIPS® Long Socket Driver	•
FPD22E	3/8" Drive #2 Pozidriv® Tip Bit Socket Driver	•

Sets include storage case



208EPIT

PIT120 3/8" Drive Impact Driver

- Delivers cam action impact when struck with a hammer for loosening or tightening fasteners
- Industrial finish

IMPACT ACCESSORIES



204IMXA



IMXL111

Locking Extensions

- Quick-release locking sleeve provides a secure connection plus easy socket removal
- Knurled release collar for easy one-hand operation, even with slippery hands

Extensions/Impact

Stock No.	A	B	Set Contains:
IMX11	1/2	1-3/4	•
IMX31	1/2	3	•
IMX61	1/2	6	•
IMX111	1/2	11	•

Set includes storage tray

Stock No.	A	B
IMXL31	1/2	3
IMXL61	1/2	6
IMXL111	1/2	12



202IPFX

Swivel Extensions

- Laser-welded pivot pin allows smooth, full 30° swivel action for efficient power transfer
- Manufactured from special alloy steel and heat treated for optimum strength and durability
- Provides versatility for the technician to use any size shallow, semi-deep, deep, 6-point, 12-point, metric or SAE impact socket

Universal Joints (Impact)

Stock No.	A	B	Retention Type
IPF80B	1	2-1/8	Pin Type
IPF800B	1	2-1/8	Ball Type



IPF80B



IPF800B



Set Contains:

Stock No.	A	B	Set Contains:
IPFX6	9/16	6	•
IPFX9	9/16	9	•

Set shown includes magnetic storage tray.



- Wear safety goggles while using impact drivers.
- Do not hold swivel joint during use.
- Read Safety Precautions on pages W1-W4

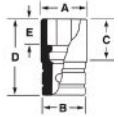
FLANK DRIVE® IMPACT SOCKETS



IMDFM14



214IMFMYA



Shallow, mm

Set Contains:

214IMFMYA

207IMDFMYA

mm	6	12	A	B	C	D	E	6	12
6	IMFM6	IMDFM6	10.3	17.5	11.1	23.0	5.6		
7	IMFM7	IMDFM7	11.9	17.5	11.1	23.0	5.6		
8	IMFM8A	IMDFM8A	13.5	17.5	14.2	26.2	6.4	•	
9	IMFM9A	IMDFM9	15.1	17.5	14.2	26.2	6.4	•	
10	IMFM10A	IMDFM10A	16.7	17.5	14.2	26.2	6.4	•	•
11	IMFM11A	IMDFM11A	17.5	17.5	14.5	27.0	6.4	•	
12	IMFM12	IMDFM12	18.3	18.3	14.9	27.0	6.4	•	•
13	IMFM13	IMDFM13	19.8	19.8	15.1	27.8	7.1	•	•
14	IMFM14	IMDFM14	20.6	20.6	14.9	27.8	8.7	•	•
15	IMFM15	IMDFM15	21.4	21.4	15.2	27.8	8.7	•	•
16	IMFM16	IMDFM16	23.0	23.0	15.6	28.6	10.3	•	
17	IMFM17	IMDFM17	24.6	24.6	16.0	29.4	9.5	•	•
18	IMFM18	IMDFM18	25.4	25.4	16.5	30.2	10.3	•	•
19	IMFM19	IMDFM19	27.0	27.0	17.0	31.0	11.1	•	
20	IMFM20	IMDFM20	28.6	28.6	17.5	31.8	11.9		
21	IMFM21	IMDFM21	29.4	29.4	17.9	31.8	11.9	•	
22	IMFM22	IMDFM22	30.2	30.2	18.9	32.5	12.7		
23	IMFM23	—	31.8	31.8	19.7	33.3	12.7		
24	IMFM24	—	33.3	33.3	20.3	34.9	14.3	•	

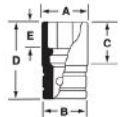
Set includes magnetic storage tray
ASME®/ANSI® B107.5



IMF120A



212IMFYA



Shallow, inches

Set Contains:

212IMFYA

207IMDFY

II	6	12	A	B	C	D	E	6	12
1/4	IMF080	—	7/16	11/16	13/32	29/32	7/32		
5/16	IMF100A	—	17/32	11/16	17/32	1-1/32	1/4	•	
3/8	IMF120A	IMDF120A	5/8	11/16	17/32	1-1/32	1/4	•	•
7/16	IMF140A	IMDF140A	11/16	11/16	9/16	1-1/16	1/4	•	•
1/2	IMF160	IMDF160	3/4	3/4	19/32	1-3/32	9/32	•	•
9/16	IMF180	IMDF180	13/16	13/16	9/16	1-3/32	5/16	•	•
5/8	IMF200	IMDF200	29/32	29/32	19/32	1-1/8	11/32	•	•
11/16	IMF220	IMDF220	31/32	31/32	19/32	1-5/32	3/8	•	•
3/4	IMF240	IMDF240	1-1/16	1-1/16	21/32	1-7/32	13/32	•	•
13/16	IMF260	—	1-1/8	1-1/8	11/16	1-1/4	15/32	•	
7/8	IMF280	—	1-3/16	1-3/16	23/32	1-9/32	15/32	•	
15/16	IMF300	—	1-9/32	1-9/32	3/4	1-5/16	17/32	•	
1	IMF320	—	1-11/32	1-11/32	3/4	1-5/16	17/32	•	

Sets shown include magnetic storage tray
ASME®/ANSI® B107.1

FLANK DRIVE® IMPACT SOCKETS

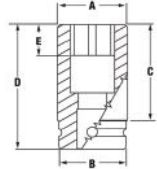
3/8" DRIVE TOOLS



IMFMS12



212IMFMSYA



Set Contains:

212IMFMSYA

Semi-Deep, mm

mm	6	A	B	C	D	E	6
6	IMFMS6	10.3	17.5	28.6	41.3	5.6	
7	IMFMS7	11.9	17.5	28.6	41.3	6.4	
8	IMFMS8A	12.8	17.2	29.3	41.3	6.4	•
9	IMFMS9A	14.0	17.2	29.3	41.3	7.1	•
10	IMFMS10A	15.1	17.2	29.3	41.3	9.7	•
11	IMFMS11A	17.2	17.2	29.3	41.3	9.7	•
12	IMFMS12	18.0	18.0	29.3	41.3	9.7	•
13	IMFMS13	19.6	19.6	29.3	41.3	10.4	•
14	IMFMS14	20.4	20.4	29.3	41.3	10.4	•
15	IMFMS15	21.2	21.2	29.3	41.3	10.4	•
16	IMFMS16	22.7	22.7	29.3	41.3	10.4	•
17	IMFMS17	24.3	24.3	29.3	41.3	11.2	•
18	IMFMS18	25.1	25.1	29.3	41.3	11.2	•
19	IMFMS19	26.7	26.7	29.3	41.3	11.7	•
20	IMFMS20	28.6	28.6	22.2	41.3	11.9	
21	IMFMS21	29.2	25.1	29.3	65.7	12.4	

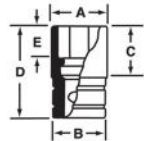
Sets shown include magnetic storage tray
ASME®/ANSI® B107.33m



IMFMS16



210IMFMSYA



Set Contains:

210IMFMSYA

Semi-Deep, inches

	6	A	B	C	D	E	6
1/4	IMFMS8	13/32	13/32	1-1/4	1-5/8	7/32	
5/16	IMFMS10A	1/2	1/2	1-5/32	1-5/8	1/4	•
3/8	IMFMS12A	9/16	9/16	1-5/32	1-5/8	9/32	•
7/16	IMFMS14A	21/32	21/32	1-5/32	1-5/8	11/32	•
1/2	IMFMS16	3/4	3/4	1-5/32	1-5/8	13/32	•
9/16	IMFMS18	13/16	13/16	1-5/32	1-5/8	13/32	•
5/8	IMFMS20	29/32	29/32	1-5/32	1-5/8	13/32	•
11/16	IMFMS22	31/32	31/32	1-5/32	1-5/8	7/16	•
3/4	IMFMS24	1-1/16	1-1/16	1-5/32	1-5/8	15/32	•
13/16	IMFMS26	1-1/8	1-1/8	1-5/32	1-5/8	1/2	•
7/8	IMFMS28	1-3/16	1-3/16	1-5/32	1-5/8	17/32	•
15/16	IMFMS30	1-9/32	1-9/32	1	1-3/4	9/16	
1	IMFMS32	1-5/16	1-5/16	1	1-3/4	5/8	

Sets shown include magnetic storage tray
ASME®/ANSI® B107.2



• Read Safety Precautions on pages W1-W4

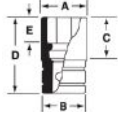
FLANK DRIVE® IMPACT SOCKETS



SIMDFM14



214SIMDFMYA



Set Contains:
214SIMDFMYA
214SIMDFMYA

Deep, mm

mm	6	12	A	B	C	D	E	6	12
6	SIMFM6	SIMDFM6	11.1	17.5	42.0	54.0	5.6		
7	SIMFM7	SIMDFM7	11.9	17.5	42.0	54.0	6.4		
8	SIMFM8A	SIMDFM8A	13.5	17.5	42.0	54.0	6.4	•	•
9	SIMFM9A	SIMDFM9A	14.3	17.5	42.0	54.0	6.4	•	•
10	SIMFM10A	SIMDFM10A	15.9	17.5	42.0	54.0	6.4	•	•
11	SIMFM11A	SIMDFM11A	16.7	17.5	42.0	54.0	7.9	•	•
12	SIMFM12	SIMDFM12	18.3	18.3	42.0	54.0	9.5	•	•
13	SIMFM13	SIMDFM13	19.8	19.8	42.0	54.0	10.3	•	•
14	SIMFM14	SIMDFM14	20.6	20.6	42.6	60.3	10.3	•	•
15	SIMFM15	SIMDFM15	21.4	21.4	42.6	60.3	10.3	•	•
16	SIMFM16	SIMDFM16	23.0	23.0	42.6	60.3	10.3	•	•
17	SIMFM17	SIMDFM17	24.6	24.6	48.8	66.7	11.1	•	•
18	SIMFM18	SIMDFM18	25.4	25.4	48.7	66.7	11.1	•	•
19	SIMFM19	SIMDFM19	27.0	27.0	48.5	66.7	13.5	•	•
20	SIMFM20	SIMDFM20	28.6	28.6	48.1	66.7	11.9		
21	SIMFM21	SIMDFM21	29.4	29.4	48.1	66.7	11.9	•	•
22	SIMFM22	—	30.2	30.2	54.2	73.0	12.7		
23	SIMFM23	—	31.8	31.8	54.2	73.0	12.7		
24	SIMFM24	SIMDFM24	33.3	33.3	54.2	73.0	14.3	•	•

Set includes magnetic storage tray
ASME®/ANSI® B107.33M



SIMF260



212SIMFYA



Set Contains:
212SIMFYA

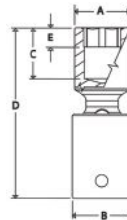
Deep, inches

11	6	12	A	B	C	D	E	6
1/4	SIMF080	—	7/16	11/16	1-5/8	2-1/8	7/32	
5/16	SIMF100A	—	17/32	11/16	1-5/8	2-1/8	1/4	•
3/8	SIMF120A	SIMDF120A	5/8	11/16	1-5/8	2-1/8	1/4	•
7/16	SIMF140A	SIMDF140A	21/32	11/16	1-5/8	2-1/8	5/16	•
1/2	SIMF160	SIMDF160	3/4	3/4	1-5/8	2-1/8	3/8	•
9/16	SIMF180	SIMDF180	13/16	13/16	1-21/32	2-3/8	13/32	•
5/8	SIMF200	SIMDF200	29/32	29/32	1-21/32	2-3/8	15/32	•
11/16	SIMF220	SIMDF220	31/32	31/32	1-29/32	2-5/8	1/2	•
3/4	SIMF240	SIMDF240	1-1/16	1-1/16	1-29/32	2-5/8	17/32	•
13/16	SIMF260	—	1-1/8	1-1/8	2-1/4	2-3/4	17/32	•
7/8	SIMF280	—	1-3/16	1-3/16	2-1/4	2-3/4	9/16	•
15/16	SIMF300	—	1-9/32	1-9/32	2-1/4	2-3/4	9/16	•
1	SIMF320	—	1-11/32	1-11/32	2-1/4	2-3/4	5/8	•

Set includes magnetic storage tray
ASME®/ANSI® B107.2

FLANK DRIVE® IMPACT SWIVEL SOCKETS

3/8" DRIVE TOOLS



Shallow, mm

mm	Set Contains:			A	B	C	D	E	Set Contains:		
	6	12	6						6	12	
8	IPFM8C	—	—	12.8	26.0	10.4	51.6	6.4	•	—	—
9	IPFM9C	—	—	14.1	26.0	10.9	52.6	6.4	—	—	—
10	IPFM10C	IPDFM10A	—	15.5	26.0	11.4	53.6	7.1	•	•	•
11	IPFM11C	—	—	16.6	26.0	11.9	54.9	7.1	•	—	—
12	IPFM12C	IPDFM12A	—	17.1	26.0	12.5	55.9	7.1	•	•	•
13	IPFM13C	IPDFM13A	—	19.7	26.0	12.5	56.9	7.9	•	•	•
14	IPFM14C	IPDFM14A	—	20.5	26.0	13.0	58.2	7.9	•	•	•
15	IPFM15C	IPDFM15A	—	21.3	26.0	13.5	59.2	7.9	•	•	•
16	IPFM16C	IPDFM16A	—	23.0	26.0	14.2	60.2	8.6	•	—	—
17	IPFM17C	—	—	24.4	26.0	16.8	62.3	8.6	•	•	—
17	—	IPDFM17A	—	24.4	26.0	17.8	62.3	8.6	—	—	•
18	IPFM18C	—	—	25.3	26.0	16.5	62.3	9.7	•	•	—
18	—	IPDFM18A	—	25.3	26.0	18.5	62.3	9.7	—	—	•
19	IPFM19C	—	—	26.5	26.0	19.1	64.3	10.4	•	—	—
21	IPFM21C	—	—	29.2	26.0	19.6	66.0	12.4	•	—	—
22	IPFM22C	—	—	30.0	26.0	21.6	67.9	13.0	—	—	—

Sets include storage tray

Shallow, inches

Inches	Set Contains:			A	B	C	D	E	Set Contains:		
	6	12	6						6	12	
3/8	IPF12C	IPDF12A	—	9/16	1-1/32	13/32	2-3/32	1/4	—	—	—
7/16	IPF14C	IPDF14	—	21/32	1-1/32	15/32	2-5/32	1/4	•	—	—
1/2	IPF16C	IPDF16	—	3/4	1-1/32	1/2	2-1/4	9/32	•	—	—
9/16	IPF18C	IPDF18	—	13/16	1-1/32	1/2	2-9/32	9/32	•	—	—
5/8	IPF20C	IPDF20	—	29/32	1-1/32	5/8	2-3/8	5/16	•	—	—
11/16	IPF22C	IPDF22	—	31/32	1-1/32	11/16	2-15/32	13/32	•	—	—
3/4	IPF24C	IPDF24	—	1-1/16	1-1/32	23/32	2-17/32	7/16	•	—	—

Set includes storage tray

Semi-Deep, mm

mm	Set Contains:			A	B	C	D	E	Set Contains:		
	6	12	6						6	12	
8	IPSFM8A	—	—	17.1	26.0	20.8	65.3	6.4	—	—	—
10	IPSFM10A	—	—	17.1	26.0	22.4	66.8	9.7	—	—	—
11	IPSFM11A	—	—	16.6	26.0	25.9	68.3	9.7	—	—	—
12	IPSFM12A	—	—	17.1	26.0	26.2	69.8	9.7	•	—	—
13	IPSFM13A	—	—	19.7	26.0	26.4	70.9	10.4	•	—	—
14	IPSFM14A	—	—	20.5	26.0	27.4	71.9	10.4	•	—	—
15	IPSFM15A	—	—	21.3	26.0	30.0	73.4	10.4	•	—	—
16	IPSFM16A	—	—	23.0	26.0	29.0	73.4	10.4	•	—	—
17	IPSFM17A	—	—	24.4	26.0	30.0	74.9	11.2	•	—	—
18	IPSFM18A	—	—	25.3	26.0	30.0	76.5	11.2	•	—	—
19	IPSFM19A	—	—	26.5	26.0	31.8	78.0	14.2	—	—	—
21	IPSFM21A	—	—	29.2	26.0	31.8	78.0	12.4	—	—	—

Set shown includes magnetic storage tray.
ASME®/ANSI® B107.5m

Low-Profile, mm

mm	Stock No.	A	B	C	D	E	Set Contains:		
							6	12	6
8	RIPFM8C	12.8	25.9	4.7	43.6	3.7	—	—	—
10	RIPFM10C	15.5	25.9	5.2	47.4	4.4	•	—	—
11	RIPFM11C	16.6	25.9	6.0	45.8	5.0	—	—	—
12	RIPFM12C	17.1	25.9	6.1	48.9	5.3	•	—	—
13	RIPFM13C	19.7	25.9	6.6	50.1	5.8	•	—	—
14	RIPFM14C	20.5	25.9	7.0	50.8	6.2	•	—	—
15	RIPFM15C	21.3	26.8	7.5	52.4	6.7	•	—	—
16	RIPFM16C	23	26.8	8.1	50.5	7.1	•	—	—
17	RIPFM17C	24.4	26.8	8.6	53.9	7.6	•	—	—
18	RIPFM18C	25.3	26.8	9.0	54.5	8.0	•	—	—
19	RIPFM19C	26.5	26.8	9.5	52.7	8.5	—	—	—
20	RIPFM20C	26.8	26.8	9.3	52.1	8.3	—	—	—
21	RIPFM21C	29.2	26.8	9.0	52.7	8.0	—	—	—

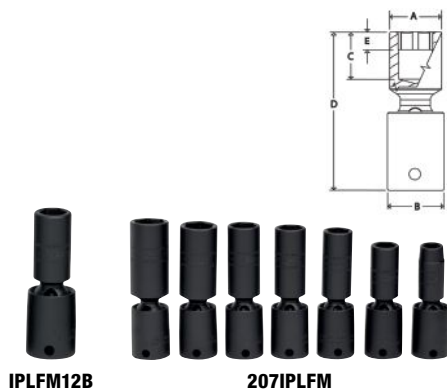
Low-Profile, inches

Inches	Stock No.	A	B	C	D	E	Set Contains:		
							6	12	6
3/8	RIPF12C	9/16	1-1/32	7/32	1-25/32	3/16	—	—	—
7/16	RIPF14C	21/32	1-1/32	3/16	1-7/8	5/32	•	—	—
1/2	RIPF16C	3/4	1-1/32	1/4	1-31/32	3/16	•	—	—
9/16	RIPF18C	13/16	1-1/32	9/32	2-1/32	1/4	•	—	—
5/8	RIPF20C	29/32	1-1/16	5/16	2-1/16	9/32	•	—	—
11/16	RIPF22C	31/32	1-1/16	3/8	2-1/16	5/16	•	—	—
3/4	RIPF24C	1 1/16	1-1/16	3/8	2-3/16	5/16	•	—	—



- Do not hold swivel joint during use.
- Read Safety Precautions on pages W1-W4

FLANK DRIVE® IMPACT SWIVEL SOCKETS



Deep, mm

Set Contains: 207IPLFM

mm	6	A	B	C	D	E	6
8	IPLFM8B	17.1	26.0	30.5	73.4	9.1	
10	IPLFM10B	17.1	26.0	30.5	73.4	9.1	•
11	IPLFM11B	16.6	26.0	30.7	73.7	9.7	
12	IPLFM12B	17.1	26.0	30.7	73.7	9.7	•
13	IPLFM13A	19.7	26.0	38.4	82.8	10.4	•
14	IPLFM14A	20.5	26.0	40.4	84.3	10.4	•
15	IPLFM15A	21.3	26.0	41.2	85.8	10.4	•
16	IPLFM16A	23.0	26.0	40.6	86.1	10.4	
17	IPLFM17A	24.4	26.0	40.9	86.9	10.2	•
18	IPLFM18A	25.3	26.0	42.2	88.6	10.7	•
19	IPLFM19A	26.5	26.0	43.7	90.2	14.2	
21	IPLFM21A	29.2	26.0	45.2	92.2	12.4	

Set includes storage tray



Deep, inches

Set Contains: 205IPLF

II	6	A	B	C	D	E	6
3/8	IPLF12B	21/32	1-1/32	1-3/16	2-29/32	1/4	•
7/16	IPLF14B	21/32	1-1/32	1-7/32	2-29/32	1/4	•
1/2	IPLF16B	3/4	1-1/32	1-5/32	2-29/32	9/32	•
9/16	IPLF18B	13/16	1-1/32	1-17/32	3-9/32	9/32	•
5/8	IPLF20B	29/32	1-1/32	1-9/16	3-3/8	5/16	•

Set includes storage tray



202IP

Universal Joints (Impact)

202IP 2 pc Combination Drive Impact Universal Joint Set

- Includes IPF800B 3/8" Drive Friction Ball Swivel Ball Impact Universal Joint and IP80D 1/2" Drive Swivel Ball Lock Button Impact Universal Joint in a storage tray

SPECIAL APPLICATION SOCKETS



WNS1

Wing Nut Sockets

WNS1 3/8" Drive Wing Nut Socket

- Works on any wing nut up to 3/8"
- Two differently sized slots fit multiple wing nut sizes
- 7/8" external hex allows access to wing nuts on a long stud
- Counterbore in the bottom is sized so that when engaging the fastener the socket does not touch the material the wing nut is holding down, preventing scratching and damage when the wing nut is spun off



207IMFLE

Shallow TORX® Impact

- Various applications on heavy duty trucks with Mercedes-Benz® engines
- Use E18 size for F-550® brake rotor.
- Use E20 size for rear brake caliper bolts on BMW® X5.



Set Contains: 207IMFLE

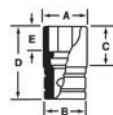
#	Stock No.	A	B	C	
E8	IMFLE80A	15/32	11/16	1-5/32	•
E10	IMFLE100A	1/2	11/16	1-5/32	•
E12	IMFLE120A	19/32	11/16	1-5/32	•
E14	IMFLE140A	5/8	11/16	1-5/32	•
E16	IMFLE160A	3/4	3/4	1-1/4	•
E18	IMFLE180A	25/32	25/32	1-5/16	•
E20	IMSLE200	15/16	15/16	1-1/2	•

Set shown includes magnetic storage tray

Mortorq® Super Socket

- Manufactured from special alloy steel and heat treated for optimum strength and durability
- Industrial finish helps protect against corrosion

Size	Stock No.	A	B	C	D	E
MTS-X10	IMTSX100	29/64	11/16	1-1/8	1-5/8	15/64
MTS-X12	IMTSX120	9/16	11/16	1-1/8	1-5/8	17/64
MTS-X14	IMTSX140	11/16	11/16	1-1/8	1-1/2	5/16
MTS-X8	IMTSX80	25/64	11/16	1-1/8	1-5/8	11/64



IMTSX100

Twist, Shallow, inches/mm (Blue-Point®)

- Twist sockets remove rounded/damaged fasteners
- Shallow design allows better access in confined working areas
- Made in USA

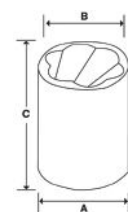
II	mm	6	Set Contains:			
			A	B	C	6
3/8	TFSY121A	11/16 (17.5)	9/16 (14.3)	1-1/4 (31.8)	•	•
7/16	TFSY141A	11/16 (17.5)	21/32 (16.7)	1-1/4 (31.8)	•	•
1/2	TFSY161A	3/4 (19.1)	3/4 (19.1)	1-1/4 (31.8)	•	•
9/16	TFSY181A	13/16 (20.6)	13/16 (20.6)	1-1/4 (31.8)	•	•
5/8	TFSY201A	29/32 (23.0)	29/32 (23.0)	1-1/4 (31.8)	•	•
31/32	TFSY221A	31/32 (24.6)	31/32 (24.6)	1-3/8 (35.0)	•	•
3/4	TFSY241A	1-1/16 (27.0)	1-1/16 (27.0)	1-3/8 (35.0)	•	•
10	TFSY10A	11/16 (17.5)	19/32 (15.1)	1-1/4 (31.8)	•	•
12	TFSY12A	11/16 (17.5)	11/16 (17.5)	1-1/4 (31.8)	•	•
13	TFSY13A	3/4 (19.1)	3/4 (19.1)	1-1/4 (31.8)	•	•
14	TFSY14A	13/16 (20.6)	13/16 (20.6)	1-1/4 (31.8)	•	•
15	TFSY15A	13/16 (20.6)	27/32 (21.4)	1-1/4 (31.8)	•	•
17	TFSY17A	31/32 (24.6)	31/32 (24.6)	1-3/8 (35.0)	•	•

Sets include storage tray

209TFSMYA
213TFSYA



209TFSMYA



209TFSMYA

Twist, Deep, inches/mm (Blue-Point®)

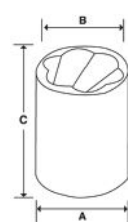
II	mm	6	Set Contains:			
			A	B	C	6
3/8	TSFSY121A	11/16 (17.5)	9/16 (14.3)	2-1/8 (54)	•	•
7/16	TSFSY141A	11/16 (17.5)	21/32 (16.7)	2-1/8 (54.0)	•	•
1/2	TSFSY161A	3/4 (19.1)	3/4 (19.1)	2-1/8 (54.0)	•	•
9/16	TSFSY181A	13/16 (20.6)	13/16 (20.6)	2-3/8 (60.3)	•	•
5/8	TSFSY201A	29/32 (23.0)	29/32 (23.0)	2-3/8 (60.3)	•	•
11/16	TSFSY221A	31/32 (24.6)	31/32 (24.6)	2-5/8 (66.7)	•	•
3/4	TSFSY241A	1-1/16 (27.0)	1-1/16 (27.0)	2-5/8 (66.7)	•	•
10	TSFSY10A	11/16 (17.5)	19/32 (15.1)	2-1/8 (54.0)	•	•
12	TSFSY12A	11/16 (17.5)	11/16 (17.5)	2-1/8 (54.0)	•	•
13	TSFSY13A	3/4 (19.1)	3/4 (19.1)	2-1/8 (54.0)	•	•
14	TSFSY14A	13/16 (20.6)	13/16 (20.6)	2-3/8 (60.3)	•	•
15	TSFSY15A	13/16 (20.6)	27/32 (21.4)	2-3/8 (60.3)	•	•
17	TSFSY17A	31/32 (24.6)	31/32 (24.6)	2-5/8 (66.7)	•	•

Set includes storage tray

213TFSYA



213TFSYA



213TFSYA

Shallow, 10 pt

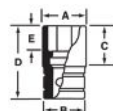
mm	10	A	B	D	E
12	DPFM12	18.3	18.3	26.9	7.1

DPFM12 3/8" Drive 10-Point Metric 12 mm Shallow Impact Socket

- The DPFM12 is for clutch pressure plate bolts found on the flywheel assembly on Mitsubishi® Eclipse® and Dodge® Stratus® vehicles
- Formed from tough alloy steel
- Heat-treated to a lower hardness to add impact resistance and ductility



DPFM12



• Do not hold swivel joint during use.
• Read Safety Precautions on pages W1-W4

POWER ACCESSORIES



Locking Button Extensions (Power)

Use with power or impact sockets with retention holes.

Stock No.	A	B
PF3	1/2	3
PF6	1/2	6
PF11A	1/2	11



Universal Joints (Power)

Stock No.	A	B
PFU8A	3/4	1-31/32



Adaptors (Power)

Stock No.	A	B	C	D
PA4F	1/2	3/8	15/16	1-13/16
PA2A	3/8	1/2	3/4	1-5/16



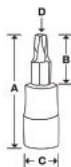
Hex-To Square-Adaptors (Power)

Stock No.	Retention Type	A	B	C
A3017A	Lock Button	7/16	1-1/4	1-3/4
A3042	Lock Button	1/4	1	2
A3044	Lock Button	1/4	1	4
A3046	Lock Button	1/4	1-1/4	6

POWER BIT SOCKETS



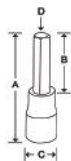
★ TORX®/Standard (Power), Industrial (3/8")



#	Stock No.	A	B	C	D
T27	PFTX27E	1-49/64	45/64	11/16	F TX 27E2
T30	PFTX30E	1-49/64	45/64	11/16	F TX 30E2
T40	PFTX40E	1-49/64	45/64	11/16	F TX 40E2



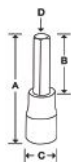
Hex/Standard (Power), mm, Industrial (3/8")



mm		A	B	C	D
4	PFAM4E	52.3	25.4	17.2	FAM4E2
5	PFAM5E	52.3	25.4	17.2	FAM5E
6	PFAM6E	52.6	25.7	17.2	FAM6E2
7	PFAM7E	52.6	25.7	17.2	FAM7E2
8	PFAM8E	52.2	25.1	17.2	FAM8E2
9	PFAM9E	52.6	25.7	17.8	FAM9E2
10	PFAM10E	52.6	25.7	17.8	SAM10E2



Hex/Standard (Power), inches, Industrial (3/8")



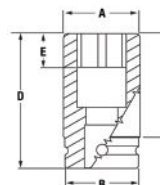
		A	B	C	D
1/8	PFA4E	2-1/16	1	11/16	TMA4E2
9/64	PFA4.5E	2-1/16	1	11/16	TMA4.5E2
5/32	PFA5E	2-1/16	1	11/16	FA5E2
3/16	PFA6E	2-1/16	1	11/16	FA6E2
7/32	PFA7E	2-5/64	1-1/64	11/16	FA7E2
1/4	PFA8E	2-5/64	1-1/64	11/16	FA8E2
5/16	PFA10E	2-1/16	1	11/16	FA10E2
3/8	PFA12E	2-3/32	1-1/32	11/16	FA12E2

Shallow Magnetic, mm, Industrial

mm	6	A	B	D	E
10	MFIMMD10	15.1	17.2	28.6	7.1
10	MFIMM10A	15.1	17.2	29.1	4.7
12	MFIMM12	18.1	19.1	28.6	3.7
13	MFIMM13	19.4	19.4	28.6	3.9
15	MFIMM15	21.6	21.8	28.6	3.9



MFIMM15



MFIMMD10 3/8" Drive 12-Point Metric 10 mm Shallow Magnetic Power Socket

- For use on Detroit Diesel® 60 series, the MFIMMD10 is used on the three camshaft gear thrust plate bolts located inside the camshaft gear cover within the front gear case on the engine
- The mechanic must go through the cover to start the bolts; if one is dropped, it is very labor intensive and time consuming to retrieve
- Applies to 2002 and later 60 series Detroit Diesel® engines with the compact gear case (please note: earlier engines with the tall gear case have 13 mm six-point bolts)
- Magnetic sockets are perfect for installing and removing a fastener as the magnetic feature will hold the fastener in the socket, saving time and frustration
- Power sockets designed and intended for use with power nut runners; do not use with impact drivers
- Industrial, black-oxide, finish helps protect against corrosion

Shallow Magnetic, inches, Industrial

II	6	A	B	D	E
5/16	MFIM101	15/32	11/16	1-1/16	3/32
3/8	MFIM121	17/32	11/16	1-1/16	1/8
7/16	MFIM141	5/8	11/16	1-1/16	5/32
1/2	MFIM161	25/32	25/32	1-1/16	5/32
9/16	MFIM181	7/8	7/8	1-1/16	5/32



MFIM101

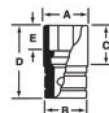


Deep Magnetic Spring Loaded, mm, Industrial

mm	6	A	B	D	E
10	SMFIMM10B	15.1	17.2	50.8	7.1
12	SMFIMM12B	18.1	19.1	50.8	7.1
13	SMFIMM13B	19.4	19.4	50.8	7.6



SMFIMM10B

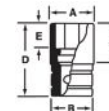


Deep, mm, Natural

mm	6	A	B	C	D	E
10	DFSM10	14.5	17.2	42.5	54.0	8.4



DFSM10



Surface Drive (M-Series)

For use in the industrial market for assembly line work. The lead-in chamfer and special design of these sockets will engage with a fastener while rotating on a power nut runner.

mm	6	A	B	C	D	E
10	M2110	16.5	19.1	16.5	31.8	7.4
10	M2210	16.5	19.1	39.1	50.8	7.4



M2110



- Do not use power sockets or accessories with impact drivers.
- Do not use power tools or accessories with impact drivers.
- Do not use adaptors with impact drivers.
- Do not exceed torque stamped on adaptor.
- Read Safety Precautions on pages W1-W4

GENERAL SERVICE SETS



230RFSMLEFG

Colors Available



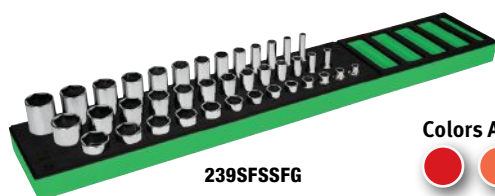
ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.

	Stock No.	Description
Also Includes	RAF80A	3/8" Drive Dual 80° Technology Low-Profile Ratchet

230RFSMLEFR 30 pc 3/8" Drive Dual 80° Technology Low-Profile Ratchet/Flank Drive® Low-Profile Socket Master Set

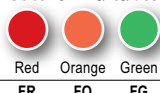
mm	6-Point Metric	12-Point SAE		TORX®	
8	RFSM8	1/4	RF081	TORX® E10	RFLE100
9	RFSM9	5/16	RF101	TORX® E11	RFLE110
10	RFSM10	11/32	RF111	TORX® E12	RFLE120
11	RFSM11	3/8	RF121	TORX® E14	RFLE140
12	RFSM12	7/16	RF141	TORX® E16	RFLE160
13	RFSM13	1/2	RF161	TORX® E18	RFLE180
14	RFSM14	9/16	RF181	TORX® E8	RFLE80
15	RFSM15	5/8	RF201		
16	RFSM16	11/16	RF221		
17	RFSM17	3/4	RF241		
18	RFSM18				
19	RFSM19				

ASME/ANSI® B107.10



239SFSSFG

Colors Available



ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.

6/12-Point, Inches, Chrome

	6-Point Shallow Socket	6-Point Semi-Deep Socket	6-Point Deep Socket
1/4	FS081	FSS081	SFS081
5/16	FS101	FSS101	SFS101
3/8	FS121	FSS121	SFS121
7/16	FS141	FSS141	SFS141
1/2	FS161	FSS161	SFS161
9/16	FS181	FSS181	SFS181
5/8	FS201	FSS201	SFS201
11/16	FS221	FSS221	SFS221
3/4	FS241	FSS241	SFS241
13/16	FS261	FSS261	SFS261
7/8	FS281	FSS281	SFS281
15/16	FS301	FSS301	SFS301
1	FS321	FSS321	SFS321

239SFSSFG 39 pc 3/8" Drive 6-Point SAE Flank Drive® Shallow/Semi/Deep Combination Socket Foam Set

- Includes (13) shallow sockets; (13) semi-deep sockets and (13) deep sockets (1/4–1") in a foam organizer
- Snap-on® sockets using the Flank Drive® wrenching system grip the fastener on the flanks/flats which deliver 15–25% more turning power
- Nickel-chrome plating helps protect against corrosion and is easy to wipe clean
- Manufactured from the highest quality proprietary steel, providing optimum strength and durability
- 6-point configuration and Flank Drive® wrenching system

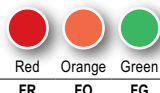
Foam Organizer

- Modular design provides in-drawer reconfiguration for new tools
- Each tool is precision fitted providing ultimate tool protection
- Contrasting colors provide visual control which eliminates time searching for missing tools
- Closed cell cross-linked foam resist oils, solvents, and fuels—easy to clean
- Pockets for miscellaneous tools



245SFMSFG

Colors Available



ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.

245SFMSFR 45 pc 3/8" Drive 6-Point Metric Flank Drive® Shallow/Semi/Deep Combination Socket Foam Set

mm	6-Point Shallow Socket	6-Point Semi-Deep Socket	6-Point Deep Socket	mm	6-Point Shallow Socket	6-Point Semi-Deep Socket	6-Point Deep Socket
6	FSM61	FSMS6	SFSM6	13	FSM131	FSMS13	SFSM13
7	FSM71	FSMS7	SFSM7	14	FSM141	FSMS14	SFSM14
8	FSM81	FSMS8	SFSM8	15	FSM151	FSMS15	SFSM15
9	FSM91	FSMS9	SFSM9	16	FSM161	FSMS16	SFSM16
10	FSM101	FSMS10	SFSM10	17	FSM171	FSMS17	SFSM17
11	FSM111	FSMS11	SFSM11	18	FSM181	FSMS18	SFSM18
12	FSM121	FSMS12	SFSM12	19	FSM191	FSMS19	SFSM19
				20	FSM201	FSMS20	SFSM20

Sets shown include foam organizer



218AFP

12-Point, inches, Chrome

Size, inches	Stock No.	Size, inches	Stock No.
1/4	F081	5/8	F201
5/16	F101	11/16	F221
3/8	F121	3/4	F241
7/16	F141	13/16	F261
1/2	F161	7/8	F281
9/16	F181		

Also Includes:	Part No.	Description
	F4LB	3/8" Drive 17-27/32" Speeder Drive Handle
	F80	3/8" Drive Dual 80° Technology Standard Handle Ratchet
	FU8A	3/8" Drive 2-1/16" Friction Ball Universal Joint
	FXK11	3/8" Drive 11" Knurled Friction Ball Extension
	FXK3	3/8" Drive 3" Knurled Friction Ball Extension
	FXK6	3/8" Drive 6" Knurled Friction Ball Extension
	F10LD	3/8" Drive 9-9/16" Breaker Bar

Set includes storage case.

218AFP 18 pc 3/8" Drive 12-Point SAE General Service Socket Set

- Includes (18) tools (1/4–7/8")
- Includes Dual 80° Technology Standard Handle Ratchet, Speeder, Breaker Bar, Universal Joint and 3, 6 and 11" Knurled Extensions



210AFSP

6-Point, inches, Chrome

Size, inches	Stock No.
3/8	FS121
7/16	FS141
1/2	FS161
9/16	FS181
5/8	FS201
11/16	FS221
3/4	FS241

Also Includes:	Part No.	Description
	F80	3/8" Drive Dual 80° Technology Standard Handle Ratchet
	FXK3	3/8" Drive 3" Knurled Friction Ball Extension
	FXK6	3/8" Drive 6" Knurled Friction Ball Extension

Set includes storage case.

210AFSP 10 pc 3/8" Drive 6-Point SAE General Service Set

- Set includes (7) 6-Point Shallow Sockets (3/8, 7/16, 1/2, 9/16, 5/8, 11/16 and 3/4"), F80 Standard Handle Sealed Ratchet and (2) Knurled Extensions (FXK3 3" and FXK6 6")





- Do not use chrome or industrial finish hand tools with power drivers or impact drivers.
- Do not immerse sealed ratchet in fluids.
- Do not replace worn parts individually; use entire contents of the service kit.
- Frequently inspect, clean and lubricate all non-sealed ratchet mechanisms with light oil
- Read Safety Precautions on pages W1-W4

GENERAL SERVICE SETS



218AFSP

6-Point, inches, Chrome

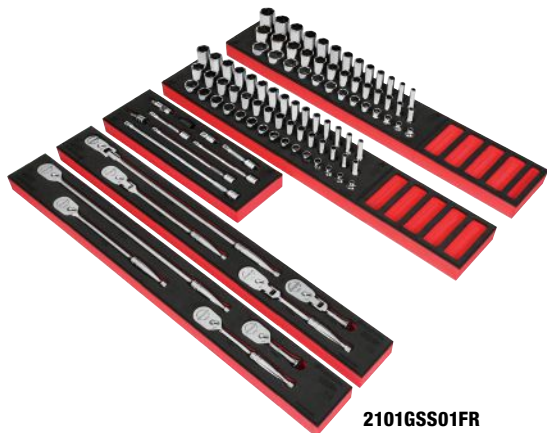
	6-Point Shallow Socket		6-Point Shallow Socket
1/4	FS081	5/8	FS201
5/16	FS101	11/16	FS221
3/8	FS121	3/4	FS241
7/16	FS141	13/16	FS261
1/2	FS161	7/8	FS281
9/16	FS181		

Also Includes:	Part No.	Description
	F4LB	3/8" Drive 17-27/32" Speeder Drive Handle
	F80	3/8" Drive Dual 80° Technology Standard Handle Ratchet
	FU8A	3/8" Drive 2-1/16" Friction Ball Universal Joint
	FXK11	3/8" Drive 11" Knurled Friction Ball Extension
	FXK3	3/8" Drive 3" Knurled Friction Ball Extension
	FXK6	3/8" Drive 6" Knurled Friction Ball Extension
	F10LD	3/8" Drive 9-9/16" Breaker Bar

Set includes storage case.

218AFSP 18 pc 3/8" Drive 6-Point SAE Shallow General Service Socket Set

- Includes (18) tools (1/4–7/8")
- Includes Dual 80° Technology Standard Handle Ratchet, Speeder, Breaker Bar, Universal Joint, and 3, 6 and 11" Knurled Extensions in a storage tray



2101GSS01FR



2101GSS02FG

2101GSS01FR 101 pc 3/8" Drive General Service Foam Set

Stock No.	Description
204RT01FG	4 pc 3/8" Drive Dual 80° Technology Ratchet Foam Set
204RT02FG	4 pc 3/8" Drive Dual 80° Technology Flex Head Ratchet Foam Set
209AFXAFG	9 pc 3/8" Drive Extension and Adaptor Foam Set
245SFMSFG	45 pc 3/8" Drive 6-Point Metric Flank Drive® Shallow/Semi/Deep Combination Socket Foam Set
239SFSSFG	39 pc 3/8" Drive 6-Point SAE Flank Drive® Shallow/Semi/Deep Combination Socket Foam Set

Sets shown include foam organizer

Colors Available



Red Orange Green
FR FO FG

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.

2101GSS02FG 101 pc 3/8" Drive Soft Grip General Service Foam Set

Stock No.	Description
204RT03FG	4 pc 3/8" Drive Dual 80° Technology Soft Grip Ratchet Foam Set
204RT04FG	4 pc 3/8" Drive Dual 80° Technology Soft Grip Flex-Head Ratchet Foam Set
209AFXAFG	9 pc 3/8" Drive Extension and Adaptor Foam Set
245SFMSFG	45 pc 3/8" Drive 6-Point Metric Flank Drive® Shallow/Semi/Deep Combination Socket Foam Set
239SFSSFG	39 pc 3/8" Drive 6-Point SAE Flank Drive® Shallow/Semi/Deep Combination Socket Foam Set

Sets shown include foam organizer

Colors Available







Red Orange Green
FR FO FG

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.

251FSMBFR 51 pc 3/8" Drive 6-Point Metric/SAE Flank Drive® General Service Foam Set

Stock No.	Description
FL80	3/8" Drive Dual 80° Technology Long Handle Ratchet
FU8A	3/8" Drive 2-1/16" Friction Ball Universal Joint
FXX3	3/8" Drive 3" Knurled Friction Ball Extension
FXX6	3/8" Drive 6" Knurled Friction Ball Extension
FXX11	3/8" Drive 11" Knurled Friction Ball Extension

	6-Point Metric Shallow Socket		6-Point Metric Deep Socket		6-Point SAE Shallow Socket		6-Point SAE Deep Socket
8 mm	FSM81	8 mm	SFSM8	1/4"	FS081	1/4"	SFS081
9 mm	FSM91	9 mm	SFSM9	5/16"	FS101	5/16"	SFS101
10 mm	FSM101	10 mm	SFSM10	3/8"	FS121	3/8"	SFS121
11 mm	FSM111	11 mm	SFSM11	7/16"	FS141	7/16"	SFS141
12 mm	FSM121	12 mm	SFSM12	1/2"	FS161	1/2"	SFS161
13 mm	FSM131	13 mm	SFSM13	9/16"	FS181	9/16"	SFS181
14 mm	FSM141	14 mm	SFSM14	5/8"	FS201	5/8"	SFS201
15 mm	FSM151	15 mm	SFSM15	11/16"	FS221	11/16"	SFS221
16 mm	FSM161	16 mm	SFSM16	3/4"	FS241	3/4"	SFS241
17 mm	FSM171	17 mm	SFSM17	13/16"	FS261	13/16"	SFS261
18 mm	FSM181	18 mm	SFSM18	7/8"	FS281	7/8"	SFS281
19 mm	FSM191	19 mm	SFSM19				

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251FSMBFR

251YFSMBFR 51 pc 3/8" Drive 6-Point Metric/SAE Flank Drive® Xtra General Service Foam Set

Stock No.	Description
FL80	3/8" Drive Dual 80° Technology Long Handle Ratchet
FU8A	3/8" Drive 2-1/16" Friction Ball Universal Joint
FXX3	3/8" Drive 3" Knurled Friction Ball Extension
FXX6	3/8" Drive 6" Knurled Friction Ball Extension
FXX11	3/8" Drive 11" Knurled Friction Ball Extension

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	6-Point Metric FDx Shallow Socket		6-Point Metric FDx Deep Socket		6-Point SAE FDx Shallow Socket		6-Point SAE FDx Deep Socket
8 mm	YFSM81	8 mm	YSFSM8	1/4"	YFS081	1/4"	YSFS081
9 mm	YFSM91	9 mm	YSFSM9	5/16"	YFS101	5/16"	YSFS101
10 mm	YFSM101	10 mm	YSFSM10	3/8"	YFS121	3/8"	YSFS121
11 mm	YFSM111	11 mm	YSFSM11	7/16"	YFS141	7/16"	YSFS141
12 mm	YFSM121	12 mm	YSFSM12	1/2"	YFS161	1/2"	YSFS161
13 mm	YFSM131	13 mm	YSFSM13	9/16"	YFS181	9/16"	YSFS181
14 mm	YFSM141	14 mm	YSFSM14	5/8"	YFS201	5/8"	YSFS201
15 mm	YFSM151	15 mm	YSFSM15	11/16"	YFS221	11/16"	YSFS221
16 mm	YFSM161	16 mm	YSFSM16	3/4"	YFS241	3/4"	YSFS241
17 mm	YFSM171	17 mm	YSFSM17	13/16"	YFS261	13/16"	YSFS261
18 mm	YFSM181	18 mm	YSFSM18	7/8"	YFS281	7/8"	YSFS281
19 mm	YFSM191	19 mm	YSFSM19				



251YFSMBFR





- Do not use chrome or industrial finish hand tools with power drivers or impact drivers.
- Do not immerse sealed ratchet in fluids.
- Do not replace worn parts individually; use entire contents of the service kit.
- Frequently inspect, clean and lubricate all non-sealed ratchet mechanisms with light oil
- Read Safety Precautions on pages W1-W4

GENERAL SERVICE SETS



222AFSP

6-Point, inches, Chrome

	6-Point Shallow Socket		6-Point Shallow Socket
3/8	F121	3/8	SFS121
7/16	F141	7/16	SFS141
1/2	F161	1/2	SFS161
9/16	F181	9/16	SFS181
5/8	F201	5/8	SFS201
11/16	F221	11/16	SFS221
3/4	F241	3/4	SFS241

Also Includes:	Part No.	Description
	F80	3/8" Drive Dual 80° Technology Standard Handle Ratchet
	FU8A	3/8" Drive 2-1/16" Friction Ball Universal Joint
	F10LD	3/8" Drive 9-9/16" Breaker Bar
	FXK3	3/8" Drive 3" Knurled Friction Ball Extension
	FXK4	3/8" Drive 4" Knurled Friction Ball Extension
	FXK8	3/8" Drive 8" Knurled Friction Ball Extension
	S9704KA	3/8" Drive 6-Point SAE 13/16" Flank Drive® Shallow Spark Plug Socket
	S9706KA	3/8" Drive 6-Point SAE 5/8" Flank Drive® Shallow Spark Plug Socket
	PB17B	Storage Case

Set includes storage case.

222AFSP 22 pc 3/8" Drive 6-Point SAE General Service Socket Set



- Includes (7) Shallow Sockets (3/8–3/4") and (7) Deep Sockets (3/8–3/4")
- Includes Dual 80° Technology Standard Handle Ratchet, 13/16" Spark Plug Socket, 5/8" Spark Plug Socket, Breaker Bar, Universal Joint and 3, 4 and 8" Knurled Extensions in a storage case

Build Your Own Set

The 206AFSP Handle Set is the foundation for the ideal basic general service set. Add any of the suggested socket sets or choose from various special-purpose sockets available in fractional and metric sizes.



206AFSP

	Stock No.		Stock No.
11 pc. 3/8" Drive 12-Point SAE Deep Flank Drive® Socket Set	211SFY	12 pc. 3/8" Drive 12-Point Metric Flank Drive® Deep Socket Set	212SFMY
11 pc. 3/8" Drive 6-Point SAE Flank Drive® Socket Set	211SFSY	12 pc. 3/8" Drive 6-Point Metric Flank Drive® Semi-Deep Socket Set	212FSMSY
11 pc. 3/8" Drive 6-Point SAE Flank Drive® Shallow Socket Set	211FSY	12 pc. 3/8" Drive 6-Point Metric Flank Drive® Deep Socket Set	212SFSMY
7 pc. 3/8" Drive 6-Point SAE Flank Drive® Deep Universal Socket Set	207FSU	12 pc. 3/8" Drive 6-Point Metric Flank Drive® Shallow Socket Set	212FSMY
		12 pc. 3/8" Drive 12-Point Metric Flank Drive® Shallow Socket Set	212FMY

Also Includes:	Part No.	Description
	F80	3/8" Drive Dual 80° Technology Standard Handle Ratchet
	F10LD	3/8" Drive 9-9/16" Breaker Bar
	FU8A	3/8" Drive 2-1/16" Friction Ball Universal Joint
	FX1	3/8" Drive 1-1/2" Friction Ball Extension
	FXK11	3/8" Drive 11" Knurled Friction Ball Extension
	FXK3	3/8" Drive 3" Knurled Friction Ball Extension
	FXK6	3/8" Drive 6" Knurled Friction Ball Extension

Set includes storage case.




206AFSP 6 pc 3/8" Drive Handle Set

- Start with the 206AFSP Handle Set, the ideal base for a personally customized basic general service set
- Add any of the suggested socket sets or choose from the many special purpose sockets available in both SAE and metric sizes
- The 206AFSP set is packaged in the blow-molded PB16B plastic case, which has a large enough cavity to store as many as four rows of standard-length sockets, two rows of deep or universal sockets, or combinations of any of these
- Suggested SAE Set Additions:
 - 211FSY 6-Point Shallow Set
 - 212FY 6-Point Shallow Set
 - 211SFSY 6-Point Deep Set
 - 211SFY 12-Point Shallow Set
 - 207FSU 6-Point Deep Universal Set
 - 211FDSY 12-Point Semi-Deep Set
- Suggested Metric Set Additions:
 - 212FSMY 6-Point Shallow Set
 - 212SFSMY 6-Point Semi-Deep Set
 - 212SFMY 12-Point Deep Set
 - 212FSMSY 6-Point Semi-Deep Set
 - 212FMSY 12-Point Semi-Deep Set
 - 212FMY 12-Point Shallow Set
- Includes: F80 Sealed Ratchet, FU8A Universal Joint, FX1 Extension (1-1/2"), FXK3 Knurled Extension (3"), FXK6 Knurled Extension (6") and FXK11 Knurled Extension (11")



248F

12-Point, inches, Chrome

	12-Point Shallow Sockets		12-Point Deep Sockets		12-Point Shallow Universal Socket
1/4	F081	1/4	SF081	5/16	FU10B
5/16	F101	5/16	SF101	3/8	FU12B
3/8	F121	3/8	SF121	7/16	FU14B
7/16	F141	7/16	SF141	1/2	FU16B
1/2	F161	1/2	SF161	9/16	FU18B
9/16	F181	9/16	SF181	5/8	FU20B
5/8	F201	5/8	SF201	11/16	FU22B
11/16	F221	11/16	SF221	3/4	FU24B
3/4	F241	3/4	SF241	13/16	FU26B
13/16	F261	13/16	SF261	7/8	FU28B
7/8	F281	7/8	SF281	15/16	FU30A
15/16	F301	—	—	1	FU32A

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Also Includes		
F40B		3/8" Drive 5-15/16" Hard Handle Stubby Shank Driver
F4LB		3/8" Drive 17-27/32" Speeder Drive Handle
F5L		3/8" Drive 8" Sliding T-Handle
F10LD		3/8" Drive 9-9/16" Breaker Bar
F77A		3/8" Drive 20-Tooth Ratchet Adaptor
F80		3/8" Drive Dual 80® Technology Standard Handle Ratchet
FRS70A		3/8" Drive Spinner Ratchet
FU8A		3/8" Drive 2-1/16" Friction Ball Universal Joint
FXX3		3/8" Drive 3" Knurled Friction Ball Extension
FXX4		3/8" Drive 4" Knurled Friction Ball Extension
FXX6		3/8" Drive 6" Knurled Friction Ball Extension
FXX11		3/8" Drive 11" Knurled Friction Ball Extension
BLPEXF388		3/8" Drive 8" Flexible Extension (Blue-Point®)

248F 48 pc 3/8" Drive 12-Point SAE Shallow/Deep/Universal Combination General Service Socket Set

- Includes Shallow Sockets (1/4–15/16")
- Includes Deep Sockets (1/4–7/8")
- Includes Universal Sockets (5/16–1")
- Includes Dual 80® Technology Standard Handle Ratchet, Plastic Handle Driver, Ratchet Spinner, Speeder, Ratchet Adaptor, Sliding T-Handle, Universal Joint, Breaker Bar, 8" Flexible Extension and 3, 4, 6 and 11" Knurled Extensions (48 pc)



- Do not use chrome or industrial finish hand tools with power drivers or impact drivers.
- Do not immerse sealed ratchet in fluids.
- Do not replace worn parts individually; use entire contents of the service kit.
- Read Safety Precautions on pages W1–W4

GENERAL SERVICE SETS



292F

Deep, Inches, Chrome

211SFSY	11 pc 3/8" Drive 6-Point SAE Flank Drive® Deep Socket Set
211FSY	11 pc 3/8" Drive 6-Point SAE Flank Drive® Shallow Socket Set
211FY	11 pc 3/8" Drive 12-Point SAE Flank Drive® Shallow Socket Set
211SFY	11 pc 3/8" Drive 12-Point SAE Deep Flank Drive® Socket Set

292F 92 pc 3/8" Drive 6-/12-Point SAE Shallow/Deep/Universal Combination General Service Socket Set

Also Includes	FLF80A	3/8" Drive Dual 80° Technology Long Handle Flex-Head Ratchet	S9704KFUA	3/8" Drive 6-Point SAE 13/16" Flank Drive® Universal Spark Plug Socket
	F4LB	3/8" Drive 17-27/32" Speeder Drive Handle	F23E	3/8" Drive 1/4" Flat Tip Standard Bit Socket Driver
	F5L	3/8" Drive 8" Sliding T-Handle	F25E	3/8" Drive 5/16" Flat Tip Standard Bit Socket Driver
	F10LD	3/8" Drive 9-9/16" Breaker Bar	F29E	3/8" Drive SAE 3/8" Clutch Bit Socket Driver
	FU8A	3/8" Drive 2-1/16" Friction Ball Universal Joint	F30E	3/8" Drive SAE 5/16" Clutch Socket Driver
	FU10B	3/8" Drive 12-Point SAE 5/16" Flank Drive® Shallow Universal Socket	F31E	3/8" Drive 3/8" Flat Tip Standard Bit Socket Driver
	FU12B	3/8" Drive 12-Point SAE 3/8" Flank Drive® Shallow Universal Socket	F40B	3/8" Drive 5-15/16" Hard Handle Stubby Shank Driver
	FU14B	3/8" Drive 12-Point SAE 7/16" Flank Drive® Shallow Universal Socket	F77A	3/8" Drive 20-Tooth Ratchet Adaptor
	FU16B	3/8" Drive 12-Point SAE 1/2" Flank Drive® Shallow Universal Socket	F80	3/8" Drive Dual 80° Technology Standard Handle Ratchet
	FU18B	3/8" Drive 12-Point SAE 9/16" Flank Drive® Shallow Universal Socket	F111	3/8" Drive 12-Point SAE 11/32" Flank Drive® Shallow Socket
	FU20B	3/8" Drive 12-Point SAE 5/8" Flank Drive® Shallow Universal Socket	FA5E	3/8" Drive SAE 5/32" Standard Hex Bit Socket Driver
	FU22B	3/8" Drive 12-Point SAE 11/16" Flank Drive® Shallow Universal Socket	FA6E	3/8" Drive SAE 3/16" Standard Hex Bit Socket Driver
	FU24B	3/8" Drive 12-Point SAE 3/4" Flank Drive® Shallow Universal Socket	FA7E	3/8" Drive SAE 7/32" Standard Hex Bit Socket Driver
	FU26B	3/8" Drive 12-Point SAE 13/16" Flank Drive® Shallow Universal Socket	FA8E	3/8" Drive SAE 1/4" Standard Hex Bit Socket Driver
	FU28B	3/8" Drive 12-Point SAE 7/8" Flank Drive® Shallow Universal Socket	FA10E	3/8" Drive SAE 5/16" Standard Hex Bit Socket Driver
	FU30A	3/8" Drive 12-Point SAE 15/16" Flank Drive® Shallow Universal Socket	FA12E	3/8" Drive SAE 3/8" Standard Hex Bit Socket Driver
	FU32A	3/8" Drive 12-Point SAE 1" Flank Drive® Shallow Universal Socket	FP22E	3/8" Drive #2 PHILLIPS® Standard Bit Socket Driver
	FX1*	3/8" Drive 1-1/2" Friction Ball Extension	FP32E	3/8" Drive #3 PHILLIPS® Standard Bit Socket Driver
	FXK3*	3/8" Drive 3" Knurled Friction Ball Extension	FP42E	3/8" Drive #4 PHILLIPS® Socket Driver
	FXK4*	3/8" Drive 4" Knurled Friction Ball Extension	PP409A	3/8" Drive SAE 9/32" Internal Pipe Plug Socket
	FXK6*	3/8" Drive 6" Knurled Friction Ball Extension	PP410A	3/8" Drive SAE 5/16" Internal Pipe Plug Socket
	FXK8*	3/8" Drive 8" Knurled Friction Ball Extension	PP412A	3/8" Drive SAE 3/8" Internal Pipe Plug Socket
	FXK11*	3/8" Drive 11" Knurled Friction Ball Extension	GF22	3/8" Drive 11/16" Blade Width Drag Link Socket
	FRS70A	3/8" Drive Spinner Ratchet	BLPEXTF388	3/8" Drive 8" Flexible Extension (Blue-Point®)



6-Point, mm, Chrome

STARTERSET3

mm	6-Point Deep Sockets	mm	6-Point Deep Sockets
8	SFSM8	14	SFSM14
9	SFSM9	15	SFSM15
10	SFSM10	16	SFSM16
11	SFSM11	17	SFSM17
12	SFSM12	18	SFSM18
13	SFSM13	19	SFSM19

Also Includes	FL80	3/8" Drive Dual 80° Technology Long Handle Ratchet
	FU8A	3/8" Drive 2-1/16" Friction Ball Universal Joint
	FXK3	3/8" Drive 3" Knurled Friction Ball Extension
	FXK6	3/8" Drive 6" Knurled Friction Ball Extension
	S9706KA	3/8" Drive 6-Point SAE 5/8" Flank Drive® Shallow Spark Plug Socket



STARTERSET5

Shallow, mm, Chrome

mm	6-Point Shallow Sockets	mm	6-Point Shallow Sockets
8	FSM81	14	FSM141
9	FSM91	15	FSM151
10	FSM101	16	FSM161
11	FSM111	17	FSM171
12	FSM121	18	FSM181
13	FSM131	19	FSM191

Also Includes:	Part Number	Description
	F80	3/8" Drive Dual 80° Technology Standard Handle Ratchet
	FXWP1	3/8" Drive 1-1/2" Friction Ball Wobble Plus Extension
	FXWP3	3/8" Drive 3" Knurled Wobble Plus Extension
	FXWP6	3/8" Drive 6" Knurled Wobble Plus Extension
	F12LA	3/8" Drive Long Handle Breaker Bar

STARTERSET5 17 pc 3/8" Drive Shallow 6-Point Metric Starter Set

- High-strength sealed head ratchet built for strength, precision and durability
- Wobble engagement on extensions provides 16° of additional accessibility
- Sockets feature Flank Drive® wrenching system which grips the fastener on the flanks/flats increasing torque by up to 15%–20%
- Nickel-chrome plating provides a wear-resistant finish along with a mirror-like finish
- Highest quality steel on breaker bar provides strength and durability



222AFSMP

6-Point, mm, Chrome

mm	6-Point Shallow Sockets	mm	6-Point Shallow Sockets
10	FSM101	10	SFSM10
11	FSM111	11	SFSM11
13	FSM131	13	SFSM13
14	FSM141	14	SFSM14
15	FSM151	15	SFSM15
17	FSM171	17	SFSM17
19	SFSM19	19	SFSM19

Also Includes:	Part Number	Description
	F80	3/8" Drive Dual 80° Technology Standard Handle Ratchet
	FU8A	3/8" Drive 2-1/16" Friction Ball Universal Joint
	F10LD	3/8" Drive 9-9/16" Breaker Bar
	FXK3	3/8" Drive 3" Knurled Friction Ball Extension
	FXK4	3/8" Drive 4" Knurled Friction Ball Extension
	FXK8	3/8" Drive 8" Knurled Friction Ball Extension
	S9704KA	3/8" Drive 6-Point SAE 13/16" Flank Drive® Shallow Spark Plug Socket
	S9706KA	3/8" Drive 6-Point SAE 5/8" Flank Drive® Shallow Spark Plug Socket
	PB17B	Storage Case

222AFSMP 22 pc 3/8" Drive 6-Point Metric General Service Socket Set

Includes:

- (7) Shallow Sockets (10, 11, 13–15, 17 and 19 mm)
- (7) Deep Sockets (10, 11, 13–15, 17 and 19 mm)
- Dual 80° Technology Standard Handle Ratchet, Universal Joint, Breaker Bar, 3, 4 and 8" Knurled Extensions, 13/16 and 5/8" Spark Plug Sockets and a storage case



- Do not use chrome or industrial finish hand tools with power drivers or impact drivers.
- Do not immerse sealed ratchet in fluids.
- Do not replace worn parts individually; use entire contents of the service kit.
- Do not use "cheater bars" on handles.
- Pull, do not push on handles.
- Read Safety Precautions on pages W1–W4

GENERAL SERVICE SETS



262MFB

262MFB 61 pc 3/8" Drive 6-/12-Point Metric General Service Socket Set

Includes:

- (12) 6-point Shallow Sockets (8–19 mm)
- (11) 12-point shallow sockets (9–19 mm)
- Includes (12 pc) 12-point Deep Sockets (8–19 mm)
- (12) 6-point Shallow Universal Sockets (8, 10–19 and 22 mm)
- Dual 80° Technology Standard Handle Ratchet, Speeder, Breaker Bar, Plastic Handle Driver, Ratchet Spinner, Ratchet Adaptor, Universal Joint, 3, 6 and 11" Knurled Extensions, 13/16" Spark Plug Socket, 8" Flexible Extension, 5/8 and 9/16" Spark Plug Socket and metal box (61 pc)

6-/12-Point, mm, Chrome

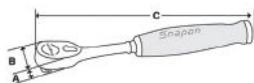
mm	6-Point Shallow Sockets	mm	12-Point Shallow Sockets	mm	12-Point Deep Sockets	mm	6-Point Shallow Universal Sockets
8	FSM81	—	—	8	SFM8	8	FSUM8A
9	FSM91	9	FM9	9	SFM9	10	FSUM10A
10	FSM101	10	FM10	10	SFM10	11	FSUM11A
11	FSM111	11	FM11	11	SFM11	12	FSUM12A
12	FSM121	12	FM12	12	SFM12	13	FSUM13A
13	FSM131	13	FM13	13	SFM13	14	FSUM14A
14	FSM141	14	FM14	14	SFM14	15	FSUM15A
15	FSM151	15	FM15	15	SFM15	16	FSUM16A
16	FSM161	16	FM16	16	SFM16	17	FSUM17A
17	FSM171	17	FM17	17	SFM17	18	FSUM18A
18	FSM181	18	FM18	18	SFM18	19	FSUM19A
19	FSM191	19	FM19	19	SFM19	22	FSUM22A

Also Includes	Description
F10LD	3/8" Drive 9-9/16" Breaker Bar
F80	3/8" Drive Dual 80° Technology Standard Handle Ratchet
F4LB	3/8" Drive 17-27/32" Speeder Drive Handle
F40B	3/8" Drive 5-15/16" Hard Handle Stubby Shank Driver
FRS70A	3/8" Drive Spinner Ratchet
F77A	3/8" Drive 20-Tooth Ratchet Adaptor
FU8A	3/8" Drive 2-1/16" Friction Ball Universal Joint
FXK3	3/8" Drive 3" Knurled Friction Ball Extension
FXK6	3/8" Drive 6" Knurled Friction Ball Extension
FXK11	3/8" Drive 11" Knurled Friction Ball Extension
S9704KR	3/8" Drive 6-Point SAE 13/16" Flank Drive® Standard Retention Spark Plug Socket
S9706KA	3/8" Drive 6-Point SAE 5/8" Flank Drive® Shallow Spark Plug Socket
S9716KA	3/8" Drive 6-Point SAE 9/16" Flank Drive® Spark Plug Socket
KRA21G	Metal Box
BLPEXTF388	3/8" Drive 8" Flexible Extension (Blue-Point®)

ASME®/ANSI® B107.10

RATCHETS (Blue-Point®)

Quick-Release Ratchets (Blue-Point®) (3/8")



Stock No.	Description	Gear Teeth	Gear Action	A	B	C
BPRFR938	Standard	38	9.5°	9/16	1-9/32	7-3/4
BPRFR938SG	Bi-mold Soft Grip	38	9.5°	9/16	1-9/32	7-3/4

ASME®/ANSI® B107.10

BPRFR938 3/8" Drive Standard Handle Quick-Release Ratchet (Blue-Point®)

- Quick-release button for rapid socket/accessory changes, even with greasy or oily hands
- Contoured handle for comfort and control
- Chrome finish for easy cleanup



BPRFR938

BPRFR938SG 3/8" Drive Soft Grip Handle Quick-Release Ratchet (Blue-Point®)

- Quick-release button for rapid socket/accessory changes, even with greasy or oily hands
- Corrosive resistant bi-mold cushion grips for improved comfort and performance
- Chrome finish for easy cleanup



BPRFR938SG

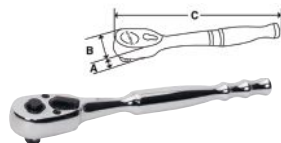
BPR703 3 pc Standard Handle Quick-Release Ratchet Set (Blue-Point®)

- Includes 1/4" Drive BPRTR936, 3/8" Drive BPRFR938 and 1/2" Drive BPRSR940 Ratchets (3 pc) in a storage tray

Quick-Release Ratchets (Blue-Point®) (1/4")

BPRTR936 1/4" Drive Standard Handle Quick-Release Ratchet (Blue-Point®)

- Quick-release button for rapid socket/accessory changes, even with greasy or oily hands
- Contoured handle for comfort and control
- Chrome finish for easy cleanup



BPRTR936

Ratchet Spinners (Blue-Point®) (3/8")

Set Contains:

Stock No.	Description	Square Drive, inches	
FSDR1 [†]	3/8" External Drive/1/4" Internal Square Drive Finger Ratchet (Blue-Point®)	3/8 Male to 1/4 Female	
FSD1	3/8" Drive Ratchet Spinner Adaptor (Blue-Point®)	3/8 Male to 3/8 Female	•
FSD14 [†]	3/8" Drive Male to 1/4" Drive Female Spinner Adaptor (Blue-Point®)	3/8 Male to 1/4 Female	•
FSD38 [†]	1/4" Drive Male to 3/8" Drive Female Spinner Adaptor (Blue-Point®)	1/4 Male to 3/8 Female	•



FSD1

FSD3KT[†]

HANDLES AND ACCESSORIES (Blue-Point®)

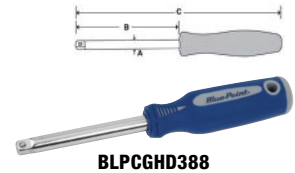
Breaker Bars (Blue-Point®) (3/8")

Stock No.	Description	A	B	C
BLPBB3810	3/8" Drive 10" Breaker Bar (Blue-Point®)	7/8	9-31/32	1/2



Handled Drivers (Blue-Point®)

Stock No.	Description	A	B	C
BLPCGHD388	3/8" Drive Spinner Handle (Blue-Point®)	1/2	4	8-5/8



Knurled Extensions, Chrome (Blue-Point®)

Stock No.	Description	B
BLPEXTK383	3/8" Drive 3" Knurled Extension (Blue-Point®)	2-31/32
BLPEXTK386	3/8" Drive 6" Knurled Extension (Blue-Point®)	5-29/32
BLPEXTK3810	3/8" Drive 10" Knurled Extension (Blue-Point®)	9-29/32



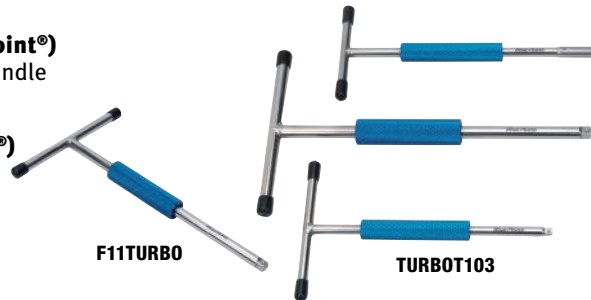
Turbo T-Handles (Blue-Point®)

F11TURBO 3/8" Drive Turbo T-Handle Speed Driver (Blue-Point®)

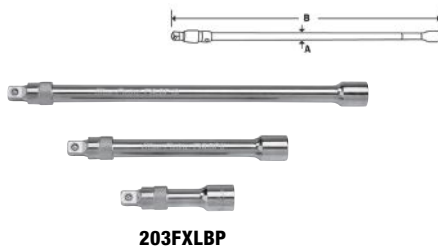
- Constant pressure can be applied to fastener while turning handle
- Faster than ordinary speed wrenches
- Safer on threads than power tools

TURBOT103 3 pc 1/4" Drive Turbo T-Handle Set (Blue-Point®)

- T9TURBO (1/4" drive), TH10TURBO (1/4" hex) and F11TURBO (3/8" drive)



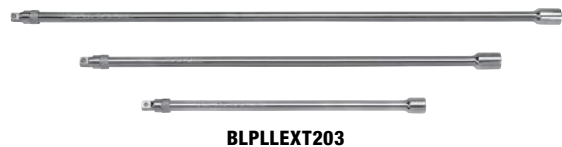
EXTENSIONS AND ACCESSORIES (Blue-Point®)



Locking Extensions, Chrome (Blue-Point®)

Stock No.	A	B	Set Contains:
FXLBP3	1/2	3	•
FXLBP6	1/2	6	•
FXLBP10	1/2	10	•

Set includes storage tray



Extra-Long Locking Extensions (Blue-Point®)

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

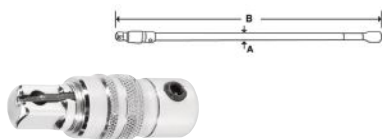
Stock No.	A	B	Set Contains:
BLPEXTL3812	1/2	12	•
BLPEXTL3818	1/2	18	•
BLPEXTL3824	1/2	24	•

Set includes storage tray

- Do not use "cheater bars" on handles.
- Pull, do not push on handle.
- Do not use chrome or industrial finish hand tools with power drivers or impact drivers.
- Do not immerse sealed ratchet in fluids.
- Do not replace worn parts individually; use entire contents of the service kit.
- Frequently inspect, clean, and lubricate all nonsealed ratchet mechanisms with light oil.
- ‡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



EXTENSIONS AND ACCESSORIES (Blue-Point®)



YA525A



BLPEXTF388

Extensions/Locking (Set Screw), Chrome (Blue-Point®)

- Allows easy and secure tool stacking
- Securely connects breaker bar, extensions and ratchets to socket and socket driver for overhead work
- Sliding sleeve for easy removal
- Not for use with power or impact tools

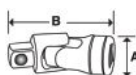
Stock No.	A	B
YA525A	3/4	2-1/8

Flexible Extensions (Blue-Point®)

Stock No.	Finish	Length, inches
BLPEXTF388	Chrome	8



BLPUJ38



Universal Joints, Chrome (Blue-Point®)

Stock No.	B
BLPUJ38	2-1/32

SOCKETS (Blue-Point®)



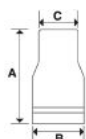
BLPLM3810



BLPLM3816



BLPLM3822



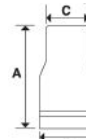
BLPSM389



BLPSM3815



BLPSM3822



Deep, mm, Chrome (Blue-Point®)

mm	12	A	B	C
6	BLPLM386	64	17	9.3
7	BLPLM387	64	17	10.9
8	BLPLM388	64	17	11.8
9	BLPLM389	64	17	13.4
10	BLPLM3810	64	17	14.6
11	BLPLM3811	64	17	15.9
12	BLPLM3812	64	17	17
13	BLPLM3813	64	18.4	18.4
14	BLPLM3814	64	19.6	19.6
15	BLPLM3815	64	20.9	20.9
16	BLPLM3816	64	22	22
17	BLPLM3817	64	23.4	23.4
18	BLPLM3818	64	24.5	24.5
19	BLPLM3819	64	25.6	25.6
20	BLPLM3820	64	26.8	26.8
21	BLPLM3821	64	27.9	27.9
22	BLPLM3822	64	29.6	29.6
23	BLPLM3823	64	31.2	31.2
24	BLPLM3824	64	32	32

Shallow, mm, Chrome (Blue-Point®)

mm	6	A	B	C
6	BLPSM386	25.5	17	9.3
7	BLPSM387	25.5	17	10.9
8	BLPSM388	25.5	17	11.8
9	BLPSM389	25.5	17	13.4
10	BLPSM3810	25.5	17	14.6
11	BLPSM3811	25.5	17	15.9
12	BLPSM3812	25.5	17	17
13	BLPSM3813	25.5	18.4	18.4
14	BLPSM3814	27	19.6	19.6
15	BLPSM3815	27	20.9	20.9
16	BLPSM3816	27	22	22
17	BLPSM3817	27	23.4	23.4
18	BLPSM3818	27	24.5	24.5
19	BLPSM3819	29	25.6	25.6
20	BLPSM3820	29	26.8	26.8
21	BLPSM3821	29	27.9	27.9
22	BLPSM3822	31	29.6	29.6
23	BLPSM3823	31	31.2	31.2
24	BLPSM3824	31	32	32

SOCKETS (Blue-Point®)

3/8" DRIVE TOOLS

Square Drive Adaptors (Blue-Point®)

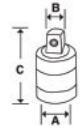
Stock No.	A	B
BLPAFM3814	3/8	1/4
BLPAFM1438	1/4	3/8



BLPAFM3814



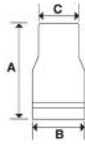
BLPAFM1438



BLPL3838



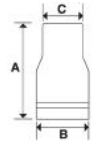
BLPL3834



BLPS3838



BLPS3878



Deep, Inches, Chrome (Blue-Point®)

II	Stock No.	A	B	C
1/4	BLPL3814	2-1/2	21/32	13/32
5/16	BLPL38516	2-1/2	21/32	15/32
3/8	BLPL3838	2-1/2	21/32	9/16
7/16	BLPL38716	2-1/2	21/32	5/8
1/2	BLPL3812	2-1/2	23/32	23/32
9/16	BLPL38916	2-1/2	51/64	51/64
5/8	BLPL3858	2-1/2	55/64	55/64
11/16	BLPL381116	2-1/2	15/16"	15/16
3/4	BLPL3834	2-1/2	1	1
13/16	BLPL381316	2-1/2	1-1/16	1-1/16
7/8	BLPL3878	2-1/2	1-3/16	1-3/16
15/16	BLPL381516	2-1/2	1-1/4	1-1/4
1	BLPL381	2-1/2	1-21/64	1-21/64

Shallow, Inches, Chrome (Blue-Point®)

II	Stock No.	A	B	C
1/4	BLPS3814	1	21/32	13/32
5/16	BLPS38516	1	21/32	15/32
3/8	BLPS3838	1	21/32	9/16
7/16	BLPS38716	1	21/32	5/8
1/2	BLPS3812	1	23/32	23/32
9/16	BLPS38916	1-1/16	51/64	51/64
5/8	BLPS3858	1-1/16	55/64	55/64
11/16	BLPS381116	1-1/16	15/16	15/16
3/4	BLPS3834	1-1/8	1	1
13/16	BLPS381316	1-1/8	1-1/16	1-1/16
7/8	BLPS3878	1-1/4	1-3/16	1-3/16
15/16	BLPS381516	1-1/4	1-1/4	1-1/4
1	BLPS381	1-1/4	1-21/64	1-21/64

TORX®/Shallow, Chrome (Blue-Point®)

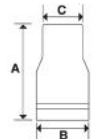
#	Stock No.	A	B	C
E4	BLPTE384	1-7/32	21/32	7/32
E5	BLPTE385	1-7/32	21/32	17/64
E6	BLPTE386	1-7/32	21/32	5/16
E7	BLPTE387	1-7/32	21/32	21/64
E8	BLPTE388	1-7/32	21/32	13/32
E10	BLPTE3810	1-7/32	21/32	31/64
E12	BLPTE3812	1-7/32	21/32	9/16
E14	BLPTE3814	1-7/32	21/32	5/8
E16	BLPTE3816	1-7/32	25/32	25/32
E18	BLPTE3818	1-7/32	13/16	13/16
E20	BLPTE3820	1-7/32	29/32	29/32



BLPTE386



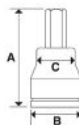
BLPTE3818



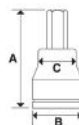
TORX® BIT SOCKETS (Blue-Point®)



BLPT3845



BLPTL3840



TORX®/Standard (Blue-Point®)

#	Stock No.	A	B	C
T40	BLPT3840	1-31/32	3/4	19/32
T45	BLPT3845	1-31/32	3/4	19/32
T50	BLPT3850	1-31/32	3/4	19/32

TORX®/Long (Blue-Point®)

#	Stock No.	A	B	C
T40	BLPTL3840	4-15/64	3/4	19/32
T45	BLPTL3845	4-15/64	3/4	19/32
T50	BLPTL3850	4-15/64	3/4	19/32

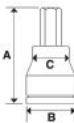


- Do not use chrome or industrial finish hand tools with power drivers or impact drivers.
- Do not immerse sealed ratchet in fluids.
- Do not replace worn parts individually; use entire contents of the service kit.
- Frequently inspect, clean, and lubricate all non-sealed ratchet mechanisms with light oil.
- Read Safety Precautions on pages W1-W4

TORX® BIT SOCKETS (Blue-Point®)



BLPT3845TP

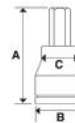


TORX®/Tamper-Resistant, Chrome (Blue-Point®) (3/8")

#	Stock No.	A	B	C
T10	BLPT3810TP	1-55/64	3/4	35/64
T15	BLPT3815TP	1-55/64	3/4	35/64
T20	BLPT3820TP	1-55/64	3/4	35/64
T25	BLPT3825TP	1-55/64	3/4	35/64
T27	BLPT3827TP	1-55/64	3/4	35/64
T30	BLPT3830TP	1-55/64	3/4	35/64
T40	BLPT3840TP	1-31/32	3/4	19/32
T45	BLPT3845TP	1-31/32	3/4	19/32
T50	BLPT3850TP	1-31/32	3/4	19/32
T55	BLPT3855TP	1-31/32	3/4	5/8



BLPTL3845TP



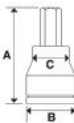
TORX®/Tamper-Resistant, Long, Chrome (Blue-Point®) (3/8")

#	Stock No.	A	B	C
T40	BLPTL3840TP	4-15/64	3/4	19/32
T45	BLPTL3845TP	4-15/64	3/4	19/32
T50	BLPTL3850TP	4-15/64	3/4	19/32

METRIC HEX BIT SOCKETS (Blue-Point®)



BLPH3810

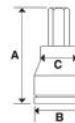


Hex/Standard, mm, Chrome (Blue-Point®) (3/8")

mm	6	A	B	C
6	BLPH386	50	19	15
7	BLPH387	50	19	15
8	BLPH388	50	19	15
9	BLPH389	50	19	16
10	BLPH3810	50	19	16



BLPHL389

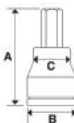


Hex/Long, mm, Chrome (Blue-Point®)

mm	6	A	B	C
7	BLPHL387	110	19	15
8	BLPHL388	110	19	15
9	BLPHL389	110	19	16
10	BLPHL3810	110	19	16



BLPH3814

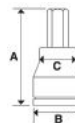


Hex/Standard, Inches, Chrome (Blue-Point®) (3/8")

	6	A	B	C
7/32	BLPH38732	1-31/32	3/4	19/32
1/4	BLPH3814	1-31/32	3/4	19/32
5/16	BLPH38516	1-31/32	3/4	19/32
3/8	BLPH3838	1-31/32	3/4	5/8



BLPHL38516



Hex/Long, Inches, Chrome (Blue-Point®)

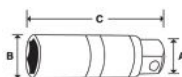
	6	A	B	C
7/32	BLPHL38732	4-15/64	3/4	19/32
1/4	BLPHL3814	4-15/64	3/4	19/32
5/16	BLPHL38516	4-15/64	3/4	19/32
3/8	BLPHL3838	4-15/64	3/4	5/8



BLSPSP3858



BLSPSP381316



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

	Length, inches	Size, inches
BLSPSP3858	2-9/16	5/8
BLSPSP381316	2-1/4	13/16

TRIPLE SQUARE SOCKET BIT SOCKETS (Blue-Point®)

● Triple Square/Stubby, XZN, mm, Chrome (Blue-Point®) (3/8")

BLPXZNM389

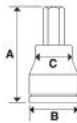
mm	Stock No.	
4	BLPXZNM384	•
5	BLPXZNM385	•
6	BLPXZNM386	•
8	BLPXZNM388	•
10	BLPXZNM3810	•
12	BLPXZNM3812	•
14	BLPXZNM3814	•
16	BLPXZNM3816	•
18	BLPXZNM3818	•



BLPXZNM389



BLPP383

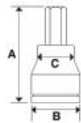


✦ PHILLIPS®/Standard, Chrome (Blue-Point®) (3/8")

	Stock No.	Square Drive, inches	A	B	C
#3	BLPP383	3/8	1-55/64	3/4	19/32
#4	BLPP384	3/8	1-55/64	3/4	35/64



BLPPD383



✦ Pozidriv®/Standard, Inches, Chrome (Blue-Point®) (3/8")

Size	Stock No.	Square Drive, inches	A	B	C
#3	BLPPD383	3/8	1-55/64	3/4	35/64
#4	BLPPD384	3/8	1-55/64	3/4	19/32

COMBINATION BIT SOCKETS (Blue-Point®)

BLPTSSC43 43 pc Combination Drive TORX® Socket and TORX® Bit Socket Set (Blue-Point®)

TORX® Tamper-Resistant Long Bit Sockets	Stock No.	Size	Square Drive, inches
	BLPT146TP	T6	1/4
	BLPT147TP	T7	1/4
	BLPT148TP	T8	1/4
	BLPT149TP	T9	1/4
	BLPT1410TP	T10	1/4
	BLPT1415TP	T15	1/4
	BLPT1420TP	T20	1/4
	BLPT1425TP	T25	1/4
	BLPT1427TP	T27	1/4
	BLPT1430TP	T30	1/4
	BLPT3840TP	T40	3/8
	BLPT3845TP	T45	3/8
	BLPT3850TP	T50	3/8
	BLPT1255TP	T55	1/2
	BLPT1260TP	T60	1/2
	BLPTSSC43PB	Storage Case	
External TORX® Sockets	BLPTE144	E4	1/4
	BLPTE145	E5	1/4
	BLPTE146	E6	1/4
	BLPTE147	E7	1/4
	BLPTE148	E8	1/4
	BLPTE3810	E10	3/8
	BLPTE3812	E12	3/8
	BLPTE3814	E14	3/8
	BLPTE3816	E16	3/8
	BLPTE1218	E18	1/2
	BLPTE1220	E20	1/2
	BLPTE1222	E22	1/2
	BLPTE1224	E24	1/2

TORX® Tamper-Resistant Bit Sockets	Stock No.	Size	Square Drive, inches
	BLPTL146TP	T6	1/4
	BLPTL147TP	T7	1/4
	BLPTL148TP	T8	1/4
	BLPTL149TP	T9	1/4
	BLPTL1410TP	T10	1/4
	BLPTL1415TP	T15	1/4
	BLPTL1420TP	T20	1/4
	BLPTL1425TP	T25	1/4
	BLPTL1427TP	T27	1/4
	BLPTL1430TP	T30	1/4
	BLPTL3840TP	T40	3/8
	BLPTL3845TP	T45	3/8
	BLPTL3850TP	T50	3/8
	BLPTL1255TP	T55	1/2
	BLPTL1260TP	T60	1/2



BLPTSSC43



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

COMBINATION BIT SOCKETS (Blue Point®)



BLPHSSC30

**BLPHSSC30 30 pc
Combination Drive Hex Bit
Socket Set (Blue-Point®)**

BLPHSSC30 Set (30 pc)

Hex, inches	Stock No.	Size	Square Drive, inches
	BLPH1418	1/8	1/4
	BLPH14964	9/64	1/4
	BLPH14532	5/32	1/4
	BLPH14316	3/16	1/4
	BLPH14732	7/32	1/4
	BLPH1414	1/4	1/4
	BLPH38732	7/32	3/8
	BLPH3814	1/4	3/8
	BLPH38516	5/16	3/8
	BLPH3838	3/8	3/8
	BLPH12716	7/16	1/2
	BLPH1212	1/2	1/2
	BLPH12916	9/16	1/2
	BLPH1258	5/8	1/2
	BLPH1234	3/4	1/2

Hex, mm	Stock No.	Size	Square Drive, inches
	BLPH1425	2.5	1/4
	BLPH386	6	3/8
	BLPH387	7	3/8
	BLPH388	8	3/8
	BLPH389	9	3/8
	BLPH3810	10	3/8
	BLPH123	3	1/4
	BLPH124	4	1/4
	BLPH125	5	1/4
	BLPH126	6	1/4
	BLPH1210	10	1/2
	BLPHM1212	12	1/2
	BLPH1214	14	1/2
	BLPH1217	17	1/2
	BLPH1219	19	1/2

BLPTHC87 Set (87 pc)



BLPTHC87

**BLPTHC87 87 pc TORX®
and Hex Bit Socket Set
(Blue-Point®)**

External TORX® Sockets	Stock No.	Size	Square Drive, inches
	BLPTE144	E4	1/4
	BLPTE145	E5	1/4
	BLPTE146	E6	1/4
	BLPTE147	E7	1/4
	BLPTE148	E8	1/4
	BLPTE3810	E10	3/8
	BLPTE3812	E12	3/8
	BLPTE3814	E14	3/8
	BLPTE3816	E16	3/8
	BLPTE3818	E18	3/8
	BLPTE1220	E20	1/2
	BLPTE1222	E22	1/2
	BLPTE1224	E24	1/2
TORX® Bit Sockets	BLPT146	T6	1/4
	BLPT147	T7	1/4
	BLPT148	T8	1/4
	BLPT149	T9	1/4
	BLPT1410	T10	1/4
	BLPT1415	T15	1/4
	BLPT1420	T20	1/4
	BLPT1425	T25	1/4
	BLPT1427	T27	1/4
	BLPT1430	T30	1/4
	BLPT3840	T40	3/8
	BLPT3845	T45	3/8
	BLPT3850	T50	3/8
	BLPT1255	T55	1/2
	BLPT1260	T60	1/2
Long TORX® Bit Sockets	BLPTL146	T6	1/4
	BLPTL147	T7	1/4
	BLPTL148	T8	1/4
	BLPTL149	T9	1/4
	BLPTL1410	T10	1/4
	BLPTL1415	T15	1/4
	BLPTL1420	T20	1/4
	BLPTL1425	T25	1/4
	BLPTL1427	T27	1/4
	BLPTL1430	T30	1/4
	BLPTL3840	T40	3/8
	BLPTL3845	T45	3/8
	BLPTL3850	T50	3/8
	BLPTL1255	T55	1/2
	BLPTL1260	T60	1/2

Metric Hex Bit Sockets	Stock No.	Size	Square Drive, inches
	BLPH1425	2.5	1/4
	BLPH123	3	1/4
	BLPH124	4	1/4
	BLPH125	5	1/4
	BLPH126	6	1/4
	BLPH386	6	3/8
	BLPH387	7	3/8
	BLPH388	8	3/8
	BLPH389	9	3/8
	BLPH3810	10	3/8
	BLPH1210	10	1/2
	BLPHM1212	12	1/2
	BLPH1214	14	1/2
	BLPH1217	17	1/2
	BLPH1219	19	1/2
Long Metric Hex Bit Sockets	BLPHL144	4	1/4
	BLPHL145	5	1/4
	BLPHL146	6	1/4
	BLPHL387	7	3/8
	BLPHL388	8	3/8
	BLPHL389	9	3/8
	BLPHL3810	10	3/8
Fractional Hex Bit Sockets	BLPH1418	1/8	1/4
	BLPH14964	9/64	1/4
	BLPH14532	5/32	1/4
	BLPH14316	3/16	1/4
	BLPH1414	1/4	1/4
	BLPH14732	7/32	1/4
	BLPH38732	7/32	3/8
	BLPH3814	1/4	3/8
	BLPH38516	5/16	3/8
	BLPH3838	3/8	3/8
	BLPH12716	7/16	1/2
	BLPH1212	1/2	1/2
	BLPH12916	9/16	1/2
	BLPH1258	5/8	1/2
	BLPH1234	3/4	1/2
Long Fractional Hex Bit Sockets	BLPHL1418	1/8	1/4
	BLPHL14532	5/32	1/4
	BLPHL14316	3/16	1/4
	BLPHL38732	7/32	3/8
	BLPHL3814	1/4	3/8
	BLPHL38516	5/16	3/8
	BLPHL3838	3/8	3/8

Pass-Thru® Socket Set (Blue-Point®)

Stock No.	External Hex, inches	Length, inches	Size
BLPPTSM8	3/4	1-7/16	8 mm
BLPPTSM9	3/4	1-7/16	9 mm
BLPPTSM10	3/4	1-7/16	10 mm
BLPPTSM11	3/4	1-7/16	11 mm
BLPPTSM116	3/4	1-7/16	11/16"
BLPPTSM12	3/4	1-7/16	12 mm
BLPPTSM12	3/4	1-7/16	1/2"
BLPPTSM13	3/4	1-7/16	13 mm
BLPPTSM14	3/4	1-7/16	14 mm
BLPPTSM15	3/4	1-7/16	15 mm
BLPPTSM16	3/4 </td <td>1-7/16</td> <td>16 mm</td>	1-7/16	16 mm
BLPPTSM17	3/4	1-7/16	17 mm
BLPPTSM18	3/4	1-7/16	18 mm
BLPPTSM19	3/4	1-7/16	19 mm
BLPPTS34	3/4	1-7/16	3/4"
BLPPTS38	3/4	1-7/16	—
BLPPTS58	3/4	1-7/16	5/8"
BLPPTS716	3/4	1-7/16	7/16"
BLPPTS916	3/4	1-7/16	9/16"



BLPPTTEXT3 BLPPTA3438 BLPPTSM10



BPRFPT10



BLPPTSS3822

BLPPTSS3822 22 pc 3/8" Drive Pass-Thru® Socket Set (Blue-Point®)

- Includes BLPPTS38–BLPPTS34 (3/8–3/4") SAE Sockets, BLPPTSM8–BLPPTSM19 (8–19 mm) Metric Sockets, BLPPTA3438 Square Drive Adaptor, BLPPTTEXT3 Extension and BPRFPT10 Ratchet (22 pc) in a storage case

BPRFPT10 3/8" Drive 10" Pass-Thru Flex Ratchet (Blue-Point®)

- Flex-head has seven locking positions

BLPPTTEXT3 3/8" Drive 3" Pass-Thru Socket Extension (Blue-Point®)

BLPPTA3438 3/8" Drive Square Drive Adaptor (Blue-Point®)

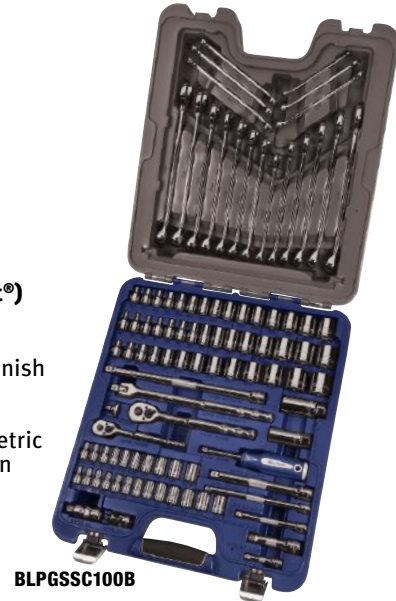
- 1-1/4" long

General Service Sets

- Great for use at home or on the road
- Sets offer full range of deep and shallow sockets for the most common fastener applications
- Ratchet and Handle Driver both available for a variety of jobs
- Compact case fits in shallow Snap-on® toolbox drawers

BLPGSSC100B 100 pc 3/8" Drive SAE/Metric General Service Set (Blue-Point®)

- Set covers most popular sizes of wrenches and sockets
- Tools have been newly designed and meet Snap-on® tool standards of quality
- High-quality chrome plating looks great and provides a durable, easy-to-clean finish
- Removable foam divider doubles as a kneeling pad
- Durable blow-molded case
- Includes (23) SAE and Metric 1/4" Drive Standard Depth Sockets, (32) SAE and Metric 3/8" Drive Sockets, (11) External TORX® Sockets, (19) SAE and Metric Combination Wrenches, (7) 1/4" drive and (8) 3/8" drive accessories in a storage case



BLPGSSC100B

General Service Sets

BLPGSS3837 37 pc 3/8" Drive SAE/Metric General Service Socket Set (Blue-Point®)

- Includes (8) SAE (5/16–3/4") and (14) Metric (6–19 mm) Standard 6-point Sockets, (4) SAE (5/16–3/8", 7/16–1/2", 9/16–5/8" and 11/16–3/4") and (5) Metric (10–11 mm, 12–13 mm, 14–15 mm, 16–17 mm and 18–19 mm) Double Open End Wrenches, (2) Extensions (3 and 6"), Ratchet, Universal Joint and (2) Adaptors (1/4" Female x 3/8" Male and 3/8" Female x 1/4" Male)
- Includes storage case



BLPGSS3837



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

GENERAL SERVICE SETS (Blue Point®)



BLPGSS3849

BLPGSS3849 49 pc 3/8" Drive SAE/Metric General Service Socket Set (Blue-Point®)

- Includes (8) SAE (5/16–3/4"), (14) Metric Standard 6-point Sockets (6–19 mm), (8) SAE (5/16–3/4"), (13) Metric Deep 12-point Sockets (7–19 mm), (2) Extensions (3 and 6"), Universal Joint, (1) 3/8–1/4" Adaptor, (1) 1/4–3/8" Adaptor and (1) Ratchet in a storage case



BLPGSSCT70B

BLPGSSCT70B 70 pc 3/8" Drive SAE/Metric General Service Set (Blue-Point®)

- Set covers most popular sizes of wrenches and sockets
- Wrenches have longer handles, providing additional leverage
- Set includes pliers that now feature a slim-line comfort grip
- Tools have been newly designed and meet Snap-on® tool standards of quality
- High-quality chrome plating looks great and provides a durable, easy-to-clean finish
- Includes (27) SAE and Metric 3/8" Standard-Depth Sockets, (19) SAE and Metric chrome plated Wrenches, Ratchet, Spinner Handle and (3) Extensions, (13) assorted Square, Hex, Slotted and PHILLIPS® Bits, (3) pair of pliers: 6" Diagonal Cutting, 8" Long Nose and 10" Groove Joint Pliers, (2) Spark Plug Sockets
- Includes a durable blow-molded case



BLPGSS3885

BLPGSS3885 85 pc 3/8" Drive SAE/Metric General Service Socket Set (Blue-Point®)

- Includes (13) SAE Sockets (1/4–1") and (14) Metric Sockets (6–19 mm), (13) SAE (1/4–1") and (14) Metric (6–19 mm) Deep Sockets, (11) Sockets (E4–E20), (1) PHILLIPS® Socket Driver (#3), (2) Pozidriv® Socket Drivers (#3 and #4), (8) Tamper-Resistant TORX® Socket Drivers (T10–T45), (2) Spark Plug Sockets (5/8 and 13/16"), (6) ratchet/socket accessories and (1) Ratchet in a storage case (BLPGSS3885PB)



BLPGSSC155

BLPGSSC155 155 pc Combination Drive SAE/Metric General Service Set (Blue-Point®)

- Removable foam divider that doubles as a kneeling pad
- Double-injected slip-resistant Santoprene® handles
- Steel reinforced hinges on durable storage case
- Tools are made of high-grade steel alloy, feature a lifetime warranty and exceed ANSI® standards
- 1/4" drive components include: (10) SAE (3/16–9/16") and (13) Metric (4–14 mm) Standard Sockets, (10) SAE (3/16–9/16") and (11) Metric (4–14 mm) Deep Sockets, (20) assorted 1/4" hex bits with bit holder, (5) ratchet/socket accessories and (1) quick release ratchet
- 3/8" drive components include: (13) SAE (1/4–1") and (19) Metric (6–24 mm) Standard Sockets, (11) SAE (3/8–1") and (15) Metric (10–24 mm) Deep Sockets, (11) External TORX® Sockets (E4–E20), (2) Spark Plug Sockets (5/8, 13/16") (3) Metric Hex Socket Drivers (7, 8 and 10 mm), (4) Tamper-Resistant TORX® Socket Drivers (T40, T45, T50, T55), (5) ratchet/socket accessories, (1) quick-release ratchet and (1) spinner handle