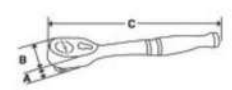


RATCHETS



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:

204RT03FR**†
204RT01FR**†

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



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 RKRF80AJT Flex Joint Repair Kit

ASME®/ANSI® B107.10
 †Uses RKRF80AJT Flex Joint Repair Kit and RKRFX936ALM Locking Mechanism Repair Kit

Colors Available



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



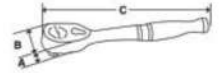
- Do not use "cheater bars" on handles.
- Do not immerse sealed ratchet in fluids.
- Do not replace worn parts individually; use entire contents of the service kit.
- Read Safety Precautions on pages W1-W4

RATCHETS



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



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
FRLL80	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
FHRLF80*	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



* O G

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.


FHCNF72

FN100

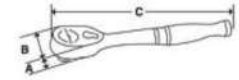
FNF100

FHN100

FZERO

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

† H936-12 Soft Grip Replacement Handle
 † H80-12 Soft Grip Replacement Handle

ASME®/ANSI® B107.10

Colors Available

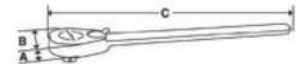

† O G
 ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.



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


RAF80A


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

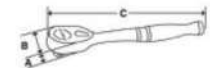
ASME®/ANSI® B107.10

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


F80FOD

GF80FOD

GFL80FOD


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

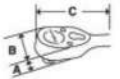


Hi-Lok® Fastener Ratchet (3/8")

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

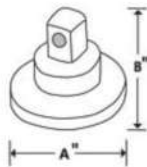
- Dual 80° Ratchet Technology features dual-pawls and a 72-tooth gear providing for more power in less lateral space
- Six teeth in full contact with gear to provide strength and durability
- A mere 5° ratcheting arc
- Sealed head helps keep dirt and other contaminants out of the head mechanism
- For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

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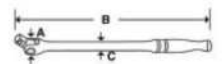


Ratchet Spinners (Blue-Point®) (3/8")

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



† O G

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.

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


DRIVE HANDLES
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


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


EXTENSIONS
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*	209AFXR***
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.

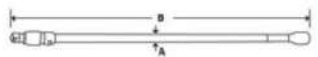

Colors Available


*** 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

204FXKLA
Set Contains:

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

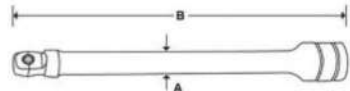
FXKLP 5 pk 3/8" Drive Locking Pins

- (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

206AFXW
Set Contains:

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

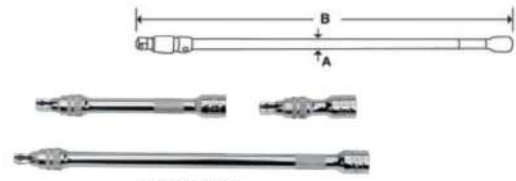
Extensions/Wobble Plus, Chrome

- **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

206AFXWP
Set Contains:

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

203FXWKL
Set Contains:

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 GLA51E in a storage tray

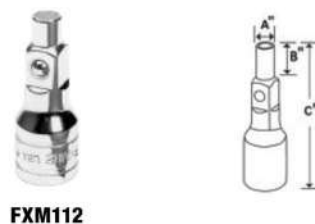


206EAU

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



AB3042

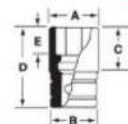
AB3044

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



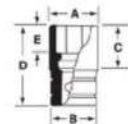
YFSM161

Flank Drive® Xtra Shallow, mm, Chrome

Set Contains: 212YFSMY 215YFSMY

mm	6	A	B	C	D	E	6	6
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



YFS141

Flank Drive® Xtra Shallow, Inches, Chrome

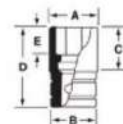
Set Contains: 211YFSY 214YFSY

11	6	A	B	C	D	E	6	6
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



212YFMSY



Flank Drive® Xtra Semi-Deep, mm, Chrome

Set Contains: 212YFMSY

mm	6	A	B	C	D	E	6
6	YFMS6	10.3	17.5	29.3	41.3	5.6	
7	YFMS7	11.1	17.5	29.3	41.3	6.4	
8	YFMS8	11.9	17.5	29.3	41.3	6.4	•
9	YFMS9	13.5	17.5	29.3	41.3	6.4	•
10	YFMS10	14.3	17.5	29.3	41.3	7.1	•
11	YFMS11	15.9	17.5	29.3	41.3	9.5	•
12	YFMS12	16.7	17.5	29.3	41.3	9.5	•
13	YFMS13	18.3	18.3	29.3	41.3	10.3	•
14	YFMS14	19.8	19.8	23.6	41.3	10.3	•
15	YFMS15	20.6	20.6	23.6	41.3	10.3	•
16	YFMS16	21.4	21.4	23.4	41.3	10.3	•
17	YFMS17	23.0	23.0	23.4	41.3	11.1	•
18	YFMS18	24.6	24.6	23.3	41.3	11.1	•
19	YFMS19	25.4	25.4	23.1	41.3	12.7	•
20	YFMS20	27.0	27.0	22.7	41.3	12.7	

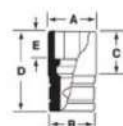


YFMS16

Sets shown include magnetic storage tray



211YFSSY



Flank Drive® Xtra Semi-Deep, SAE, Chrome

Set Contains: 211YFSSY

II	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

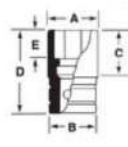
Sets shown include magnetic storage tray



• 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

3/8" DRIVE TOOLS



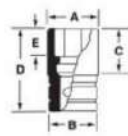
Flank Drive® Xtra Deep, mm, Chrome

Set Contains: 212YSFSMY 215YSFSMY



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



Flank Drive® Xtra Deep, Inches, Chrome

Set Contains: 211YSFSY 214YSFSY



	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



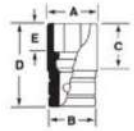
FM14



GFM9A



212FSMY



Shallow, mm, Chrome

Set Contains:

212FMY

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



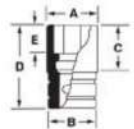
F201



GF201



214FSY



Shallow, Inches, Chrome

Set Contains:

214FSY

211FSY

211FY

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

3/8" DRIVE TOOLS



FMS14

212FMSY

Semi-Deep, mm, Chrome

Set Contains:

mm	212FMSY		A	B	C	D	E	212FMSY	
	6	12						6	12
6	FSMS6	FMS6	9.5	17.5	29.3	41.3	5.6		
7	FSMS7	FMS7	11.1	17.5	29.3	41.3	6.4		
8	FSMS8	FMS8	11.9	17.5	29.3	41.3	6.4	•	•
9	FSMS9	FMS9	13.5	17.5	29.3	41.3	6.4	•	•
10	FSMS10	FMS10	14.3	17.5	29.3	41.3	7.1	•	•
11	FSMS11	FMS11	15.9	17.5	29.3	41.3	9.5	•	•
12	FSMS12	FMS12	16.7	17.5	29.3	41.3	9.5	•	•
13	FSMS13	FMS13	18.3	17.5	29.3	41.3	10.3	•	•
14	FSMS14	FMS14	19.8	19.1	23.6	41.3	10.3	•	•
15	FSMS15	FMS15	20.6	19.8	23.6	41.3	10.3	•	•
16	FSMS16	FMS16	21.4	20.5	23.4	41.3	10.3	•	•
17	FSMS17	FMS17	23.0	22.2	23.4	41.3	11.1	•	•
18	FSMS18	FMS18	24.6	23.8	23.3	41.3	11.1	•	•
19	FSMS19	FMS19	25.4	24.6	23.1	41.3	12.7	•	•
20	FSMS20	FMS20	27.0	26.2	22.7	41.3	12.7		

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



FSS201

211FSSY

Semi-Deep, Inches, Chrome

Set Contains:

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



SFSM9

SFM19

212SFSMY

Semi-Deep, Inches, Chrome

Size, inches	Stock No.	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:

mm	212SFSMY		A	B	C	D	E	212SFSMY	
	6	12						6	12
6	SFSM6	SFM6	10.3	17.5	42.0	54.0	5.6		
7	SFSM7	SFM7	11.1	17.5	42.0	54.0	6.4		
8	SFSM8	SFM8	11.9	17.5	42.0	54.0	6.4	•	•
9	SFSM9	SFM9	13.5	17.5	42.0	54.0	6.4	•	•
10	SFSM10	SFM10	14.3	17.5	42.0	54.0	7.1	•	•
11	SFSM11	SFM11	15.9	17.5	42.0	54.0	9.5	•	•
12	SFSM12	SFM12	16.7	17.5	42.0	54.0	9.5	•	•
13	SFSM13	SFM13	18.3	17.5	42.0	54.0	10.3	•	•
14	SFSM14	SFM14	19.8	19.1	42.6	60.3	10.3	•	•
15	SFSM15	SFM15	20.6	19.8	42.6	60.3	10.3	•	•
16	SFSM16	SFM16	21.4	20.6	42.4	60.3	10.3	•	•
17	SFSM17	SFM17	23.0	22.2	48.8	66.7	12.7	•	•
18	SFSM18	SFM18	24.6	23.8	48.7	66.7	12.7	•	•
19	SFSM19	SFM19	25.4	24.6	48.5	66.7	15.1	•	•
20	SFSM20	SFM20	27.0	26.2	48.1	66.7	15.1		
21	SFSM21	SFM21	28.6	27.8	48.1	66.7	15.1		
22	SFSM22	—	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



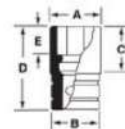
SFSL181



SF201

GSF181

211SFSY



Deep, Inches, Chrome

II	Set Contains:				211SFSY					214SFY		211SFY
	6	12	6	12	A	B	C	D	E	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:		Set Contains:	
	6-Point Metric Flank Drive® Shallow Socket	6	6-Point Metric Flank Drive® Deep Socket	6
8	FSM81	•	SFSM8	•
9	FSM91	•	SFSM9	•
10	FSM101	•	SFSM10	•
11	FSM111	•	SFSM11	•
12	FSM121	•	SFSM12	•
13	FSM131	•	SFSM13	•
14	FSM141	•	SFSM14	•
15	FSM151	•	SFSM15	•
16	FSM161	•	SFSM16	•
17	FSM171	•	SFSM17	•
18	FSM181	•	SFSM18	•
19	FSM191	•	SFSM19	•

ASME®/ANSI® B107.5



224SFFSM

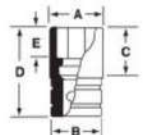
224SFFSM 24 pc 3/8" Drive 6-Point Metric Flank Drive® Shallow/Deep Combination Socket Set

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



- 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



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



222SFFS

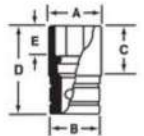
222SFFS 22 pc 3/8" Drive 6-Point SAE Flank Drive® Shallow/Deep Combination Socket Set

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

Set Contains: 222SFFS			Set Contains: 222SFFS		
6-Point SAE Flank Drive® Shallow Socket	6	6-Point SAE Flank Drive® Deep Socket	6	6-Point SAE Flank Drive® Shallow 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

6-Point SAE Flank Drive®	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	0.37	0.82	0.37	•	•

Sets include storage tray
*Set includes RAF80A ratchet

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		•	

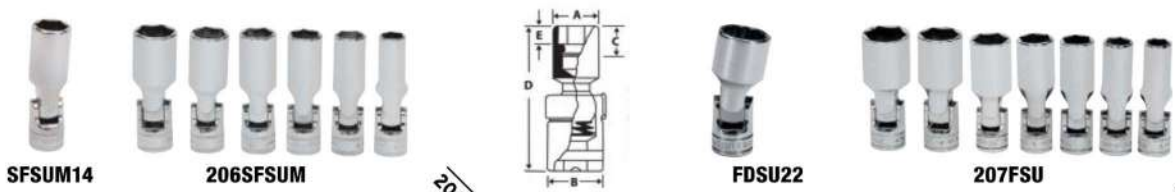
Sets shown include magnetic storage tray
ASME®/ANSI® B107.5m



- 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

FLANK DRIVE® UNIVERSAL SOCKETS

3/8" DRIVE TOOLS



Deep, mm, Chrome

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

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®

#	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

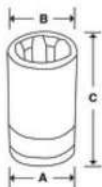


213AFLEY 13 pc Combination Drive TORX® Shallow Socket Set

- 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

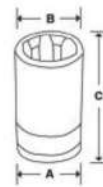
- Includes (10) sockets—1/4" drive (E4–E8) and 3/8" drive (E10–E18)


FLEP180

TORX Plus®, Chrome

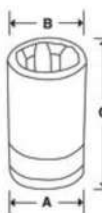
#	Stock No.	A	B	C
EP18	FLEP180	3/4	13/16	1-5/16

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

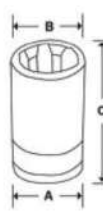
- For cam sprocket on 2.5L FB engine on 2011 and current Subaru® Forester® vehicles
- For camshaft timing gear assembly on various 2012 Toyota® vehicles

- 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

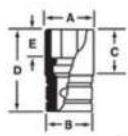
Snap-on® spline wrenching tools have been developed to service high-tensile strength spline nuts and bolts widely used on both military and commercial aircraft. Precise, radial spline teeth engage the fastener over a wider area to minimize stress, allow application of high torque to reduce risk of damage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

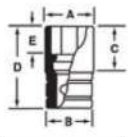
207TFEL 7 pc Combination Drive SAE Deep Spline Socket Set

- 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")

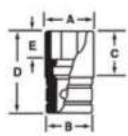


		Stock No.	A	B	C	D	E
#10 (5/16)	10	FELM10B	14.5	16.8	40.4	54.0	10.0



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