



HAND TOOLS

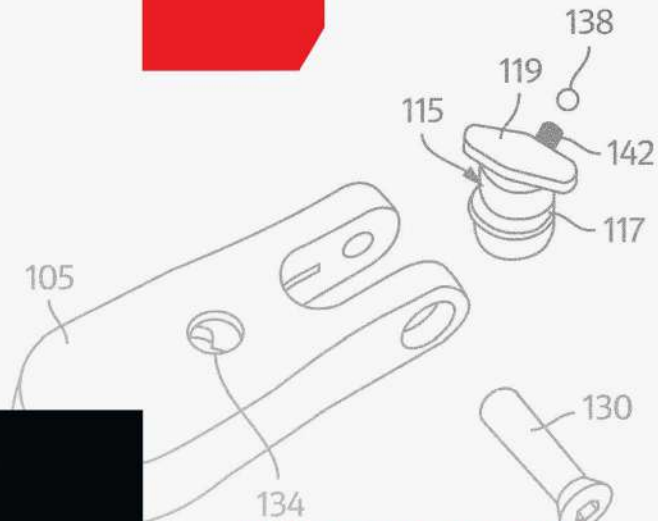
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HBBD56
56 oz Ball Peen Soft Grip Dead Blow Hammer



“Mechanic inspired, mechanic designed, mechanic tested. Our focus is to make the absolute best hand tool for the person who’s going to be using it.”

Will Powell
Senior Design Engineer, Hand Tools



**EVEN OUR
LEAST
COMPLICATED
TOOLS ARE
THE PRODUCT
OF ADVANCED
THINKING.**



FLLX80
3/8" Drive Dual 80° Technology Extra-Long Handle
Locking Flex Head Ratchet

You might not expect continuous innovation in something as tried and true as hand tools. Until you see the Snap-on® three-position needle nose pliers. Or our locking flex-head ratchet. They're both ingeniously designed tools that can help you get into the otherwise impossibly tight spaces you encounter more and more often in today's world. And they're just two examples of the innovative thinking we do every day. You can almost hear the gears grinding in our heads. And if you ever need to get at them, we probably have a tool for that.

RATCHETS

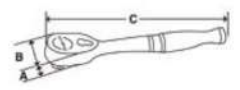


Dual 80® Technology Ratchets (1/4")

Stop, turn and listen. A smoother, stronger ratchet. Try them to believe them.

Dual 80® Technology Ratchets feature:

- 72-tooth gear, provides 5 degrees of swing arc
- Six teeth in contact with gear to provide strength and durability
- Sealed head keeps dirt and other contaminants out of the head mechanism



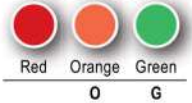
Set Contains:
 103RT01FR[^]
 103RT02ER[^]
 103RT03FR[^]
 103RT04FR[^]

Stock No.	Description	Gear Teeth	Swing Arc	A	B	C				
TK72	Stubby Handle Ratchet	72	5	7/16	15/16	2-1/4	•		•	
T72	Standard Handle	72	5	7/16	15/16	4-7/16				
TL72	Long Handle	72	5	7/16	15/16	6-1/2	•			
THL72*	Long Soft Grip Handle	72	5	7/16	15/16	6-7/8			•	
TLL72	Extra-Long Handle	72	5	7/16	15/16	9	•			
THLL72*	Extra-Long Soft Grip Handle	72	5	7/16	15/16	9-3/4			•	
TKF72	Stubby Handle Flex-Head Ratchet	72	5	7/16	15/16	3-1/4		•		•
TF72	Standard Handle Flex Head	72	5	7/16	15/16	6-1/4		•		
THLF72*	Long Soft Grip Handle Flex Head	72	5	7/16	15/16	8-1/4				•
TLLF72*	Extra-Long Handle Flex-Head	72	5	7/16	15/16	10-1/2		•		
THLLF72	Extra-Long Soft Grip Handle, Flex-Head	72	5	7/16	15/16	12-13/32				•
TX72	Standard Handle Locking Flex Head	72	5	7/16	15/16	6-1/4				
THLX72*	Long Soft Grip Handle Locking Flex Head	72	5	7/16	15/16	8-1/4				
T72MP	Multi-Position Head Ratchet	72	5	7/16	15/16	8-1/4				
TH72MP*	Multi-Position Head Ratchet	72	5	7/16	15/16	9-1/4				
TSLF72	Speeder Handle Flex Head	72	5	3/8	4	1-1/2				
TM72	Standard Handle Bit Driver	72	5	7/16	15/16	4-7/16				
TXM72	Standard Handle Locking Flex Bit Driver	72	5	7/16	15/16	6-1/4				
GT72	Standard Handle Industrial	72	5	7/16	15/16	4-7/16				

[^]Set includes foam organizer
 *936-12 Soft Grip Replacement Handle

ASME®/ANSI® B107.10

Colors Available



ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.



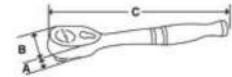
RATCHETS

1/4" DRIVE TOOLS



Quick-Release Ratchets

- Quick-release button for rapid socket/accessory changes, even with greasy or oily hands
- Dual 80® Technology features a 72-tooth gear to provide 5° of swing arc
- Six teeth in contact with gear provide strength and durability



Stock No.	Description	Gear Teeth	Swing Arc	A	B	C
TRK72	Stubby Handle Ratchet	72	5	7/16	15/16	2-1/4
TR72	Standard Handle, Quick-Release	72	5	7/16	15/16	4-7/16
THR72*	Standard Soft-Grip Handle, Quick-Release	72	5	7/16	15/16	6-7/8
TRL72	Long Quick-Release Handle	72	5	7/16	15/16	6-1/2
TRLL72	Extra-Long Handle Quick-Release	72	5	7/16	15/16	9
TRKF72	Stubby Handle Flex-Head Ratchet	72	5	7/16	15/16	3-1/4
TRF72	Standard Handle, Quick-Release Flex-Head	72	5	7/16	15/16	6-1/4
THRLF72*	Long Handle, Quick-Release Flex-Head	72	5	7/16	15/16	8-1/4
TRLLF72	Extra-Long Quick-Release Flex Head	72	5	7/16	15/16	12-13/32
THRLF72*	Extra-Long Soft Grip Handle, Quick-Release Flex-Head	72	5	7/16	15/16	12-13/32
TRX72	Standard Handle Locking Flex Head	72	5	7/16	15/16	6-1/4
THRLX72*	Long Handle, Quick-Release, Locking Flex-Head	72	5	7/16	15/16	6-7/8
TRSLF72	Speeder Handle Quick-Release Flex-Head	72	5	7/16	15/16	11

* Uses TH936-12 Soft Grip Replacement Handle
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Colors Available

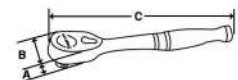


ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.



Round Head Ratchets

- Compact round head provides better access into tight quarters
- 72-tooth gear for 5° of swing arc means shorter movement between tooth engagement



Stock No.	Description	Gear Teeth	Swing Arc	A	B	C
TS72	Fingertip Round Head	72	5	7/16	1-1/4	1-1/4
TKN72	Stubby Handle Round Head	72	5	7/16	1-1/4	3-1/4
TN72	Standard Handle Round Head	72	5	7/16	1-1/4	4-1/2
TNF72	Standard Handle Round Swivel Head	72	5	7/16	1-1/4	5-7/16
THNF72*	Soft Grip Round Swivel Head	72	5	7/16	1-1/4	6-7/8
THNFM72	Soft-Grip Round Swivel Bit	72	5	7/16	1-1/4	6-7/8
TZERO	1/4" Drive Standard Gearless Round Head Ratchet	0	1	7/16	1-1/4	4-1/2

* Uses TH936-12 Soft Grip Replacement Handle
ASME®/ANSI® B107.10

TH936-12 Soft Grip Handle

Colors Available



ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.



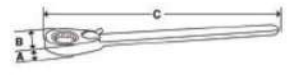
- Do not immerse sealed ratchet in fluids.
- Frequently inspect, clean, and lubricate all non-sealed ratchet mechanisms with light oil.
- Do not replace worn parts individually; use entire contents of the service kit.
- Do not use "cheater bars" on handles.
- Read Safety Precautions on pages W1-W4

RATCHETS



Low-Profile Ratchets (11 mm Internal Hex Drive)

- Square drive design works with low-profile sockets to access restricted clearance areas without loss of strength
- Thin handle cross section allows increased accessibility in tight quarters
- Dual 80® Technology requires less arc to engage the next gear tooth
- Six teeth in contact with gear provide strength and durability

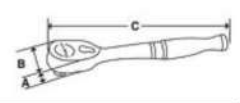


Stock No.	Description	Gear Teeth	Swing Arc	A	B	C
RAT72A	11 mm Internal Hex Low-Profile	72	5	3/8	15/16	4-7/8



Foreign Object Damage (FOD) Ratchet (1/4")

- Designed to help prevent foreign object damage in sensitive work environments
- Cover plate and reverse lever permanently affixed to ratchet head with rivets to prevent chance of small parts debris



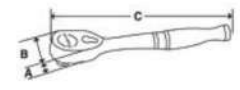
Stock No.	Description (Chart)	Gear Teeth	Swing Arc	A	B	C
GT72FOD	Industrial Handle Foreign Object Damage	72	5	7/16	15/16	4-11/16
GTL72FOD	Long Industrial Handle Foreign Object Damage	72	5	7/16	15/16	6-1/2
T72FOD	Standard Handle Foreign Object Damage	72	5	7/16	15/16	4-11/16
TL72FOD	Long Handle Foreign Object Damage	72	5	7/16	15/16	6-1/2

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Special Application Ratchets

TFY72 1/4" Drive Dual 80® Technology Standard Handle Hi-Lok® Flex-Head Ratchet

- Flex-Head Hi-Lok® Ratchet
- Snap-on® ratchets are designed to have the lowest profile and work with the shortest swing arc, providing better access to restricted areas
- Dual 80® Ratchet Technology features dual-pawls and a 72 tooth gear providing for more power in less lateral space
- 6 teeth in full contact with gear to provide strength and durability
- A mere 5 degree 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
TFY72	Standard Handle Hi-Lok® Flex Head	72	5	7/16	15/16	6-1/4
TY72	Standard Handle Hi-Lok®	72	5	7/16	15/16	4-5/8

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Ratchet Spinners (1/4")

Ratchet Adaptor, Chrome (1/4")

Stock No.	Description	A	B
TMS70A	Spinner	1	7/8

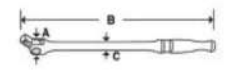
Stock No.	Description	Gear Teeth	Swing Arc	A	B
TM77	20-Tooth Adaptor	20	18	15/16	1-5/8

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BREAKER BARS

Breaker Bars, Chrome (1/4")



Stock No.	Description	A	B	C
TM9G	1/4" Drive 9"	5/8	9	5/16
TM10G	1/4" Drive 6"	5/8	6	5/16
THBB10*	1/4" Drive 6-1/2" Soft Grip Handle	5/8	6-1/2	5/16

ASME®/ANSI® B107.10

Colors Available



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

Handled Drivers/Instinct® Handle

- Provides maximum turning power and increased comfort
- Six specially designed curves and flutes provide fingertip control and aid in spinning
- Nickel-chrome plating helps protect against corrosion and makes cleaning easy

Stock No.	A	B	D
SGT4BR*	5/16	2	6-13/16
SGTL4BR	5/16	3-1/4	8-1/8

SGTL4B features a locking pin for better socket retention.

Colors Available

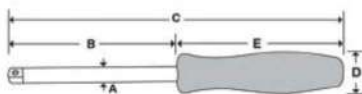


* O G

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.



TM40ASA



Handled Driver/Stubby

- Ideal for use as a socket driver in low clearance applications

Stock No.	C	E
TM40ASA	2-1/8	1-3/4



TM4CSA



TM9CSA

Handled Drivers/Square Drive Handle

- Internal square drive allows use as an extension with 1/4" drive ratchets

Stock No.	A	B	C
TM4CSA	5/16	2-3/8	6
TM9CSA*	5/16	6-3/8	10

Colors Available



* R O G

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.

Ratcheting Drivers

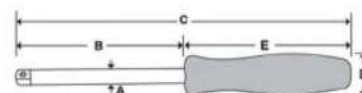
- Use with any 1/4" drive socket to create a ratcheting nut driver
- 3-position ratchet mechanism works in forward, reverse or lock out the ratcheting action completely



TMR4



TMRT8



Stock No.	A	B	C	E
TMR4*	5/16	3-7/8	8-31/32	5-3/32
TMRT8	5/16	8	10	2

Colors Available



* R O G

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.



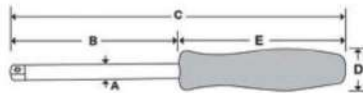
TM62B



TM63A



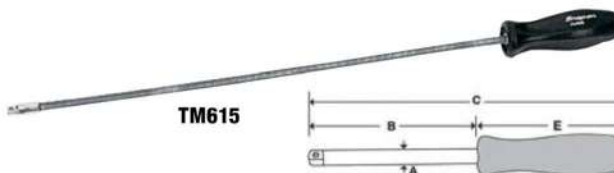
TM615



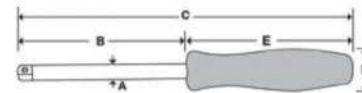
Flexible Drivers

- For low-torque applications
- Flexible shank allows better access around obstructions

Stock No.	A	B	C
TM615	1/4	15 (381)	18-9/16
TM62B	1/4	2-7/32 (56)	6-3/4
TM63A	1/4	4-21/32 (118)	9-3/16



TM615



Carburetor Adjustment Tools

1/4" Drive Standard Handle Extra-Long Flexible Driver

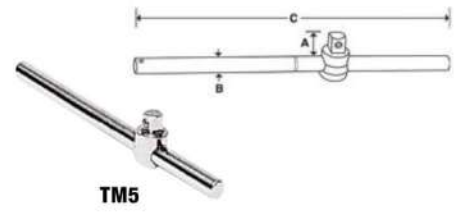
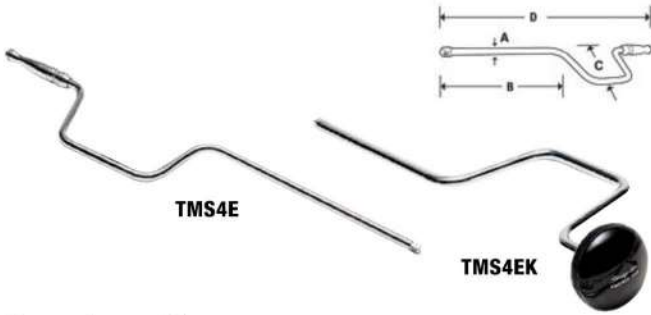
- Designed for carburetor work; this driver can also access recessed distributors
- 1/4" drive at the end of a tough but flexible spring steel shank
- Ideal to access hard-to-reach adjusting screws
- Intended for low-torque applications

Stock No.	A	B	C
TM615	1/4	15 (381)	18-9/16

- Do not disassemble FOD ratchet in workplace.
- Do not use chrome or industrial finish hand tools with power drivers.
- Plastic coated handle does not protect against electric shock.
- 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.
- Do not use "cheater bars" on handles. Pull, do not push on handle.
- Read Safety Precautions on pages W1-W4



DRIVE HANDLES



Speeders, Chrome

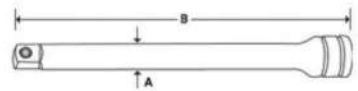
Stock No.	A	B	C	D
TMS4E	5/16	7-1/8	3	16
TMS4EK	5/16	7-1/8	3	15-1/32

Sliding T-Handle, Chrome

- Designed for heavier applications
- For use as a T-handle or offset wrench
- Spring and friction ball holds head in position

Stock No.	A	B	C
TM5	13/16	5/16	4-1/2

EXTENSIONS



Knurled Extensions, Chrome

- 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
- Includes plastic storage tray



106BTMX



TMXK80

Colors Available



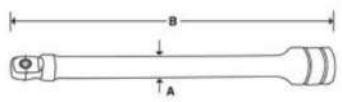
ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.

Stock No.	Industrial Stock No.	A	B	Set Contains:	
TMX1*	GTMX1*	5/16	1-1/4	•	•
TMXK2**	GTMX2*	5/16	2	•	•
TMXK3	—	5/16	3		
TMXK4	GTMX4*	5/16	4	•	•
TMXK60**	GTMX60*	5/16	6	•	•
TMXK80**	GTMXK80	5/16	8	•	•
TMXK110	GTMXK110	5/16	11	•	•
TMXK140	GTMX140*	5/16	14		
TMX240*	—	3/8	24		
TMX360*	—	3/8	36		
TA3	—	1/4	3/8		•
TMU8B	—	1/2	1-5/16		•

Set includes storage tray.
 ^Set includes foam organizer.
 Industrial finish products not included in the set.

108TMXAFR*
106BTMX

*Not Knurled
 **ASME®/ANSI® B107.10



Wobble Extensions, Chrome

- Provides 16° of additional accessibility
- Knurled shanks for easy fingertip turning



106ATMXW

Stock No.	A	B	Set Contains:
TMXW1*	5/16	1-1/4	•
TMXWK2*	5/16	2	•
TMXWK3*	5/16	3	
TMXWK4*	5/16	4	•
TMXWK60*	5/16	6	•
TMXWK80*	5/16	8	•
TMXWK110*	5/16	11	•

Set includes storage tray
 *Not knurled

106ATMXW

Wobble Plus Extensions, Chrome

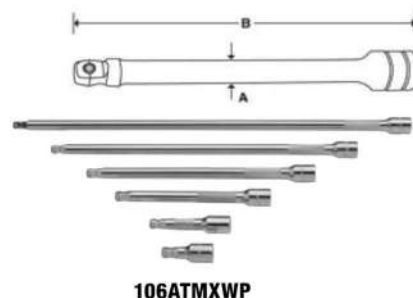
- Provides 16° of additional accessibility
- Useable in both wobble and rigid functionality

Set Contains:

Stock No.	A	B	
TMXWP1*	5/16	1-1/4	•
TMXWP2	5/16	2	•
TMXWP4	5/16	4	•
TMXWP6	5/16	6	•
TMXWP8	5/16	8	•
TMXWP11	5/16	11	•

Set includes storage tray
*Not knurled

106ATMXWP



Locking Extensions, Chrome

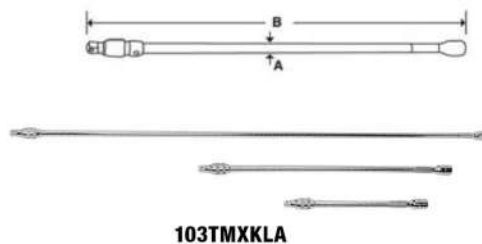
- Quick-release sleeve releases socket quickly and easily
- Knurling at the drive end provides for easy fingertip turning

Set Contains:

Stock No.	A	B	
TMXKL2	5/16	2	•
TMXKL3	5/16	3	•
TMXKL60A	5/16	6	•
TMXKL110A	5/16	11	•
TMXKL114A	5/16	14	•
TMXKL240A	3/8	24	•

TMXKLK—Extension Repair Kit (for TMXKLP) TXMKLP—Locking Pin

103TMXKLA



Extension Connectors, Chrome

TZ1 1/4" Drive Extension Connector

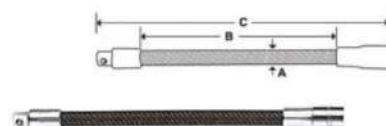
- 1/4" drive extension connector adds versatility to extensions, breaker bars, ratchets and crowfoot wrenches
- Connect one or more tools for a variety of ways to reach limited-access fasteners
- For use in marine, heavy truck, plumbing and manufacturing applications



TZ1

TZ2 2 pc 1/4" Drive Extension Connector Set

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



TM61A

Flexible Extension

Stock No.	A	B	C
TM61A	5/16	5 (127)	6

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SOCKET/RATCHET ACCESSORIES



TA3

1206GS

Square Drive Adaptors, Chrome (1/4")

Stock No.	Industrial Stock No.	A	B	C	D
—	GFAT1E	3/8	1/4	11/16	1-1/4
TA3	GTA3	1/4	3/8	1/2	15/16

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



103UFTS

Universal Joints, Chrome

TMU8B 1/4" Drive 1-1/8" Friction Ball Universal Joint

- Universal joints help increase access to hard-to-reach fastener applications
- Pins in the universal joint are laser-welded and will not walk out over time

TMUL8 Locking Collar Universal Joint

- Locking pin to ensure better socket retention

Stock No.	A	B
TMUL8	1/2	2-1/4
TMU8B	1/2	1-5/16

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



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

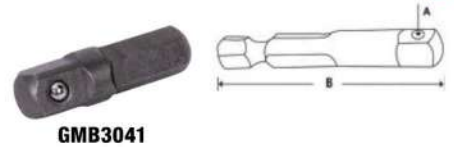
SOCKET/RATCHET ACCESSORIES

Magnetic Adaptors



Stock No.	A	B	C
TMXM17	7/32	13/32	1-21/32
TMXM114	7/32	9/32	1-17/32

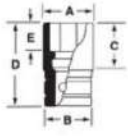
Hex-to-Square Adaptors



Stock No.	A	B
GMB3041	Ball Detent	1
GMB3042	Ball Detent	2
GMB3046	Ball Detent	6

Insert Bit Style, non-impact

FLANK DRIVE® XTRA SOCKETS



Shallow, mm, Chrome



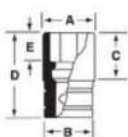
YTMM5



YTMM15

mm	6	A	B	C	D	E	6	6
4	YTMM4	7.1	12.7	13.3	22.2	4.0		•
4.5	YTMM4.5	7.9	12.7	13.3	22.2	4.0		•
5	YTMM5	7.9	12.7	13.3	22.2	4.0	•	•
5.5	YTMM5.5	8.7	12.7	13.3	22.2	4.0	•	•
6	YTMM6	9.5	12.7	13.3	22.2	5.6	•	•
7	YTMM7	11.1	12.7	13.3	22.2	5.6	•	•
8	YTMM8	11.9	12.7	13.3	22.2	6.4	•	•
9	YTMM9	12.7	12.7	13.3	22.2	7.1	•	•
10	YTMM10	14.3	14.3	12.7	22.2	7.1	•	•
11	YTMM11	15.9	15.9	12.5	22.2	8.7	•	•
12	YTMM12	16.7	16.7	12.8	22.2	8.7	•	•
13	YTMM13	18.3	18.3	12.3	22.2	8.7	•	•
14	YTMM14	19.1	19.1	13.5	23.0	10.3	•	•
15	YTMM15	20.6	20.6	13.2	23.0	8.7	•	•
16	YTMM16	21.4	21.4	14.8	25.4	9.5		

Sets shown include magnetic storage tray



Shallow, Inches, Chrome



YTM04



YTM14

II	6	A	B	C	D	E	6	6
1/8	YTM04	1/4	1/2	1/2	7/8	1/8		•
5/32	YTM05	9/32	1/2	1/2	7/8	5/32		•
3/16	YTM6	5/16	1/2	1/2	7/8	5/32	•	•
7/32	YTM7	11/32	1/2	1/2	7/8	5/32	•	•
1/4	YTM8	3/8	1/2	1/2	7/8	7/32	•	•
9/32	YTM9	7/16	1/2	1/2	7/8	7/32	•	•
5/16	YTM10	15/32	1/2	1/2	7/8	1/4	•	•
11/32	YTM11	1/2	1/2	1/2	7/8	9/32	•	•
3/8	YTM12	9/16	9/16	1/2	7/8	9/32	•	•
7/16	YTM14	5/8	5/8	15/32	7/8	11/32	•	•
1/2	YTM16	11/16	11/16	15/32	7/8	11/32	•	•
9/16	YTM18	3/4	3/4	1/2	29/32	13/32	•	•
5/8	YTM20	27/32	27/32	17/32	1	3/8		•

Sets shown include magnetic storage tray

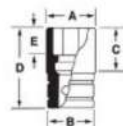


Semi-Deep, mm, Chrome

112YTMMSY

Set Contains:

112YTMMSY



mm	6	A	B	C	D	E	6
4	YTMM4	7.1	12.7	22.9	31.8	4.0	
4.5	YTMM4.5	7.9	12.7	22.9	31.8	4.0	
5	YTMM5	7.9	12.7	22.9	31.8	4.8	•
5.5	YTMM5.5	8.7	12.7	22.9	31.8	4.8	•
6	YTMM6	9.5	12.7	22.9	31.8	5.6	•
7	YTMM7	11.1	12.7	22.9	31.8	5.6	•
8	YTMM8	11.9	12.7	22.9	31.8	6.4	•
9	YTMM9	12.7	11.9	22.9	31.8	7.1	•
10	YTMM10	14.3	13.5	18.5	31.8	7.1	•
11	YTMM11	15.9	15.1	18.3	31.8	8.7	•
12	YTMM12	16.7	15.9	18.1	31.8	8.7	•
13	YTMM13	18.3	17.5	18.1	31.8	8.7	•
14	YTMM14	19.1	18.3	17.9	31.8	9.5	•
15	YTMM15	20.6	19.8	18.1	31.8	9.5	•

Sets shown include magnetic storage tray



YTMM4



YTMM15

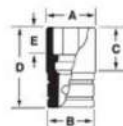


Semi-Deep, Inches, Chrome

110YTMSY

Set Contains:

110YTMSY



11	6	A	B	C	D	E	6
1/8	YTMS04	1/4	1/2	7/8	1-1/4	5/32	
5/32	YTMS05	9/32	1/2	7/8	1-1/4	5/32	
3/16	YTMS6	5/16	1/2	7/8	1-1/4	3/16	•
7/32	YTMS7	11/32	1/2	7/8	1-1/4	3/16	•
1/4	YTMS8	3/8	1/2	7/8	1-1/4	7/32	•
9/32	YTMS9	7/16	1/2	7/8	1-1/4	7/32	•
5/16	YTMS10	15/32	1/2	7/8	1-1/4	1/4	•
11/32	YTMS11	1/2	15/32	7/8	1-1/4	9/32	•
3/8	YTMS12	9/16	17/32	23/32	1-1/4	9/32	•
7/16	YTMS14	5/8	19/32	23/32	1-1/4	11/32	•
1/2	YTMS16	11/16	21/32	11/16	1-1/4	11/32	•
9/16	YTMS18	3/4	23/32	11/16	1-1/4	3/8	•
5/8	YTMS20	27/32	13/16	21/32	1-1/4	13/32	•

Sets shown include magnetic storage tray



YTMS10



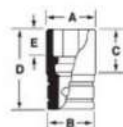
Deep, mm, Chrome

112YSTMMY

Set Contains:

112YSTMMY

114YSTMMY



mm	6	A	B	C	D	E	6	6
4	YSTMM4	7.1	12.7	41.9	50.8	4.0		•
4.5	YSTMM4.5	7.9	12.7	41.9	50.8	4.0		•
5	YSTMM5	7.9	12.7	41.9	50.8	4.8	•	•
5.5	YSTMM5.5	8.7	12.7	41.9	50.8	4.8	•	•
6	YSTMM6	9.5	12.7	41.9	50.8	5.6	•	•
7	YSTMM7	11.1	12.7	41.9	50.8	5.6	•	•
8	YSTMM8	11.9	12.7	41.9	50.8	6.4	•	•
9	YSTMM9	12.7	12.7	41.9	50.8	7.1	•	•
10	YSTMM10	14.3	14.3	37.6	50.8	7.1	•	•
11	YSTMM11	15.9	15.9	37.3	50.8	8.7	•	•
12	YSTMM12	16.7	16.7	37.2	50.8	8.7	•	•
13	YSTMM13	18.3	18.3	37.2	50.8	8.7	•	•
14	YSTMM14	19.1	19.1	37.0	50.8	10.3	•	•
15	YSTMM15	20.6	20.6	37.2	50.8	8.7	•	•

Sets shown include magnetic storage tray



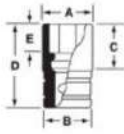
YSTMM15



- 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

1/4" DRIVE TOOLS



YSTM18

Deep, Inches, Chrome



110YSTMY

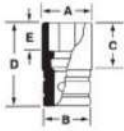
Set Contains:

110YSTMY
113YSTMY

11	6	A	B	C	D	E	6	6
1/8	YSTM04	1/4	1/2	1-5/8	2	5/32		•
5/32	YSTM05	9/32	1/2	1-5/8	2	5/32		•
3/16	YSTM6	5/16	1/2	1-5/8	2	3/16	•	•
7/32	YSTM7	11/32	1/2	1-5/8	2	3/16	•	•
1/4	YSTM8	3/8	1/2	1-5/8	2	7/32	•	•
9/32	YSTM9	7/16	1/2	1-5/8	2	7/32	•	•
5/16	YSTM10	15/32	1/2	1-5/8	2	1/4	•	•
11/32	YSTM11	1/2	1/2	1-5/8	2	9/32	•	•
3/8	YSTM12	9/16	9/16	1-15/32	2	9/32	•	•
7/16	YSTM14	5/8	5/8	1-15/32	2	11/32	•	•
1/2	YSTM16	11/16	11/16	1-7/16	2	11/32	•	•
9/16	YSTM18	3/4	3/4	1-7/16	2	13/32	•	•
5/8	YSTM20	27/32	13/16	1-7/16	2	13/32	•	•

Set includes magnetic storage tray

FLANK DRIVE® SOCKETS



TMMD14

Shallow, mm, Chrome



111TMMDY

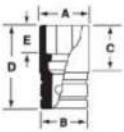
Set Contains:

111TMMDY**
112TMMDY**

mm	6	12	A	B	C	D	E	6	12
4	TMM4*	TMMD4*	7.1	12.7	13.3	22.2	4.0		
4.5	TMM4.5*	TMMD4.5*	7.9	12.7	13.3	22.2	4.0		
5	TMM5*	TMMD5*	7.9	12.7	13.3	22.2	4.0	•	•
5.5	TMM5.5	TMMD5.5	8.7	12.7	13.3	22.2	4.0	•	•
6	TMM6	TMMD6	9.5	12.7	13.3	22.2	5.6	•	•
7	TMM7	TMMD7	11.1	12.7	13.3	22.2	5.6	•	•
8	TMM8	TMMD8	11.9	12.7	13.3	22.2	6.4	•	•
9	TMM9	TMMD9	12.7	11.9	13.3	22.2	7.1	•	•
10	TMM10	TMMD10	14.3	13.5	12.7	22.2	7.1	•	•
11	TMM11	TMMD11	15.9	15.1	12.5	22.2	8.7	•	•
12	TMM12	TMMD12	16.7	15.9	12.8	22.2	8.7	•	•
13	TMM13	TMMD13	18.3	17.5	12.3	22.2	8.7	•	•
14	TMM14	TMMD14	19.1	18.3	13.5	23.0	10.3	•	•
15	TMM15	TMMD15	20.6	19.8	13.2	23.0	8.7	•	•
16	TMM16	—	21.4	20.6	14.8	25.4	9.5		

**Sets shown include magnetic storage tray

ASME® B107.5
*Conventional hex



TM16



GTMD18

Shallow, Inches, Chrome



110TMDY

Set Contains:

110TMDY**
110TMDY**
113TM

11	6	12	6	12	A	B	C	D	E	6	12	6
1/8	TM04*	TMD04*	—	—	1/4	1/2	1/2	7/8	1/8			•
5/32	TM05*	TMD05	—	—	9/32	1/2	1/2	7/8	5/32			•
3/16	TM6*	TMD6*	GTM6*	GTMD6*	9/32	15/32	1/2	7/8	5/32	•	•	•
7/32	TM7*	TMD7*	GTM7*	GTMD7*	11/32	15/32	1/2	7/8	3/16	•	•	•
1/4	TM8	TMD8	GTM8	GTMD8	3/8	15/32	1/2	7/8	7/32	•	•	•
9/32	TM9	TMD9	GTM9	GTMD9	13/32	15/32	1/2	7/8	1/4	•	•	•
5/16	TM10	TMD10	GTM10	GTMD10	15/32	15/32	1/2	7/8	9/32	•	•	•
11/32	TM11	TMD11	GTM11	GTMD11	1/2	15/32	5/16	7/8	9/32	•	•	•
3/8	TM12	TMD12	GTM12	GTMD12	17/32	1/2	1/2	7/8	9/32	•	•	•
7/16	TM14	TMD14	GTM14	GTMD14	19/32	9/16	1/2	7/8	3/8	•	•	•
1/2	TM16	TMD16	GTM16	GTMD16	11/16	21/32	1/2	7/8	3/8	•	•	•
9/16	TM18	TMD18	—	GTMD18	25/32	23/32	1/2	29/32	3/8	•	•	•
5/8	TM20	TMD20	—	—	27/32	13/16	17/32	31/32	3/8			•

**Sets shown include magnetic storage tray

ASME® B107.1
*Conventional hex.

Semi-Deep, mm, Chrome



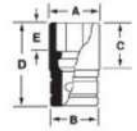
Set Contains:

112TMMDSY
12TMMDSY

mm	6	12	A	B	C	D	E	6	12
4	TMS4*	TMDS4*	7.1	12.7	22.9	31.8	4.0		
4.5	TMS4.5*	TMDS4.5*	7.9	12.7	22.9	31.8	4.0		
5	TMS5*	TMDS5*	7.9	12.7	22.9	31.8	4.8	•	•
5.5	TMS5.5*	TMDS5.5*	8.7	12.7	22.9	31.8	4.8	•	•
6	TMS6	TMDS6	9.5	12.7	22.9	31.8	5.6	•	•
7	TMS7	TMDS7	11.1	12.7	22.9	31.8	5.6	•	•
8	TMS8	TMDS8	11.9	12.7	22.9	31.8	6.4	•	•
9	TMS9	TMDS9	12.7	11.9	22.9	31.8	7.1	•	•
10	TMS10	TMDS10	14.3	13.5	18.5	31.8	7.1	•	•
11	TMS11	TMDS11	15.9	15.1	18.3	31.8	8.7	•	•
12	TMS12	TMDS12	16.7	15.9	18.1	31.8	8.7	•	•
13	TMS13	TMDS13	18.3	17.5	18.1	31.8	8.7	•	•
14	TMS14	TMDS14	19.1	18.3	17.9	31.8	9.5	•	•
15	TMS15	TMDS15	20.6	19.8	18.1	31.8	9.5	•	•

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

*Conventional hex



TMMDS14

Semi-Deep, Inches, Chrome



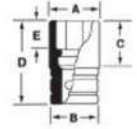
Set Contains:

110TMSY
12TMSY

in	6	12	A	B	C	D	E	6	12
1/8	TMS04*	TMDS04*	15/32	15/32	23/32	1-1/4	9/32		
5/32	TMS05*	TMDS05*	15/32	15/32	23/32	1-1/4	9/32		
3/16	TMS6*	TMDS6*	5/16	15/32	29/32	1-1/4	7/32	•	•
7/32	TMS7*	TMDS7*	11/32	15/32	29/32	1-1/4	7/32	•	•
1/4	TMS8	TMDS8	3/8	15/32	29/32	1-1/4	1/4	•	•
9/32	TMS9	TMDS9	13/32	15/32	23/32	1-1/4	1/4	•	•
5/16	TMS10	TMDS10	15/32	15/32	23/32	1-1/4	9/32	•	•
11/32	TMS11	TMDS11	1/2	15/32	23/32	1-1/4	5/16	•	•
3/8	TMS12	TMDS12	9/16	1/2	23/32	1-1/4	5/16	•	•
7/16	TMS14	TMDS14	5/8	19/32	23/32	1-1/4	3/8	•	•
1/2	TMS16	TMDS16	11/16	21/32	23/32	1-1/4	3/8	•	•
9/16	TMS18	TMDS18	3/4	23/32	23/32	1-1/4	3/8	•	•
5/8	TMS20	TMDS20	15/32	15/32	23/32	1-1/4	9/32		

Sets shown include magnetic storage tray
ASME® B107.1

Conventional Hex



TMDS14

Deep, mm, Chrome



Set Contains:

112STMMY
12STMMY

mm	6	12	A	B	C	D	E	6	12
4	STMM4*	STMMD4*	7.1	12.7	41.9	50.8	4.0		
4.5	STMM4.5*	STMMD4.5*	7.9	12.7	41.9	50.8	4.0		
5	STMM5*	STMMD5*	7.9	12.7	41.9	50.8	4.8	•	•
5.5	STMM5.5*	STMMD5.5*	8.7	12.7	41.9	50.8	4.8	•	•
6	STMM6	STMMD6	9.5	12.7	41.9	50.8	5.6	•	•
7	STMM7	STMMD7	11.1	12.7	41.9	50.8	5.6	•	•
8	STMM8	STMMD8	11.9	12.7	41.9	50.8	6.4	•	•
9	STMM9	STMMD9	12.7	11.9	41.9	50.8	7.1	•	•
10	STMM10	STMMD10	14.3	13.5	37.6	50.8	7.1	•	•
11	STMM11	STMMD11	15.9	15.1	37.3	50.8	8.7	•	•
12	STMM12	STMMD12	16.7	15.9	37.2	50.8	8.7	•	•
13	STMM13	STMMD13	18.3	17.5	37.2	50.8	9.4	•	•
14	STMM14	STMMD14	19.1	18.3	37.0	50.8	10.3	•	•
15	STMM15	STMMD15	20.6	19.8	37.2	50.8	8.7	•	•

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

*Conventional hex



STMMD14



- 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

1/4" DRIVE TOOLS



Deep, Inches, Chrome



110STMY

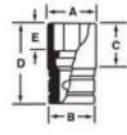
Set Contains:

110STMY
110STMDY

	6	12	6	12	A	B	C	D	E	6	12
1/8	STM04*	STMD04*	—	—	1/4	1/2	1-5/8	2	5/32		
5/32	STM05*	STMD05*	—	—	9/32	1/2	1-5/8	2	5/32		
3/16	STM6*	STMD6*	GSTM6*	GSTMD6*	5/16	1/2	1-5/8	2	3/16	•	•
7/32	STM7*	STMD7*	GSTM7*	GSTMD7*	11/32	1/2	1-5/8	2	3/16	•	•
1/4	STM8	STMD8	GSTM8	GSTMD8	3/8	1/2	1-5/8	2	7/32	•	•
9/32	STM9	STMD9	GSTM9	GSTMD9**	7/16	1/2	1-5/8	2	7/32	•	•
5/16	STM10	STMD10	GSTM10	GSTMD10**	15/32	1/2	1-5/8	2	1/4	•	•
11/32	STM11	STMD11	GSTM11	GSTMD11	1/2	15/32	1-5/8	2	9/32	•	•
3/8	STM12	STMD12	GSTM12	GSTMD12	9/16	17/32	1-15/32	2	9/32	•	•
7/16	STM14	STMD14	GSTM14	GSTMD14	5/8	19/32	1-15/32	2	11/32	•	•
1/2	STM16	STMD16	GSTM16	GSTMD16	11/16	21/32	1-7/16	2	11/32	•	•
9/16	STM18	STMD18	—	GSTMD18	3/4	23/32	1-7/16	2	13/32	•	•
5/8	STM20A	STMD20	—	—	27/32	13/16	1-7/16	2	13/32		

Sets shown include magnetic storage tray
*Conventional hex

ASME® B107.1
**Features a larger bolt clearance diameter for servicing aerospace fasteners



103STMLA

Long, mm, Chrome

Set Contains:

109STMLL
103STMLA

mm	6	A	B	C	D	E	6	6
7	STMML7A	10.5	12.1	101.6	114.3	6.1	•	
8	STMML8A	11.4	12.1	101.6	114.3	6.9	•	•
9	STMML9A	12.6	11.4	101.6	114.3	7.4	•	•
10	STMML10A	13.9	13.2	101.6	114.3	7.4	•	•
11	STMML11A	15.3	14.6	101.6	114.3	9.1	•	
12	STMML12A	16.4	15.6	101.6	114.3	9.1	•	
13	STMML13A	18.0	17.2	101.6	114.3	9.1	•	
14	STMML14A	18.7	17.9	101.6	114.3	10.7	•	
15	STMML15A	20.3	19.6	101.6	114.3	9.7	•	

Application:

For bumper cover bolts found on most European, Asian and US vehicles.

Shallow/Deep Sets, Inches, Chrome (1/4")

120STTM 20 pc 1/4" Drive 6-Point SAE Flank Drive® Shallow/Deep Socket Set

- Includes TM6–TM18 shallow sockets and STM6–STM18 deep sockets in magnetic storage tray
- 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 alloy finish resists against rust and corrosion

- Manufactured from the highest quality proprietary steel, providing optimum strength and durability
- 6-point configuration and Flank Drive® wrenching system

124STTMM 24 pc 1/4" Drive 6-Point Metric Flank Drive® Shallow/Deep Socket Set

- Includes TMM5–TMM16 shallow and STTMM5–STTMM15 deep sockets (5–15 mm) in magnetic storage tray



120STTM



124STTMM

Master Foam Sets, Chrome (1/4")

142STMMSYFR1* 42 pc 1/4" Drive Metric Flank Drive® Socket Foam Set

- Includes TM04–TM20 shallow sockets; TMS04–TMS20 semi-deep sockets and STM04–STM20 deep sockets in a foam organizer
- Manufactured from the highest quality proprietary steel, providing optimum strength and durability
- 6-point configuration and Flank Drive® wrenching system
- Snap-on® sockets using the Flank Drive® wrenching system grip the fastener on the flanks/flats which deliver 15–25% more turning power

- Chrome/nickel-alloy finish resists against rust and corrosion
- Designed for maximum tool concentration on the smallest possible footprint
- Modular foam trays can be reconfigured in drawer to accommodate new tools sets
- Closed cell cross-linked foam for superior performance and durability—resists oils, solvents and fuels and is easy to clean
- Contrasting colors provide visual control and eliminate time spent searching for missing tools
- Protects your investment and increases productivity



142STMMSYFR1



139STMMSYFR1

Colors Available



* R1 O1 G1

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.

Snapon.com 1.877.762.7664



110RTSMA

Low-Profile Socket Sets, mm

mm	Set Contains:							Set Contains:		
	6	12	A	B	C	D	E	6	6	12
5	RTSM5	RTM5	7.7	12.1	7.7	17.7	2.2	•	•	•
5.5	RTSM5.5	RTM5.5	8.3	12.1	7.7	17.7	2.6	•	•	•
6	RTSM6	RTM6	9.3	12.1	7.7	17.7	2.7	•	•	•
7	RTSM7	RTM7	10.5	12.1	7.7	17.7	2.8	•	•	•
8	RTSM8	RTM8	11.5	12.1	7.7	17.7	3.6	•	•	•
9	RTSM9	RTM9	12.7	12.1	7.7	17.7	3.9	•	•	•
10	RTSM10	RTM10	14.0	12.1	9.4	19.0	4.7	•	•	•
11	RTSM11	RTM11	15.4	12.1	6.2	17.3	4.5	•	•	•
12	RTSM12	RTM12	16.5	12.1	6.1	17.8	4.9	•	•	•
13	RTSM13	RTM13	17.6	12.1	5.9	18.1	5.1	•	•	•
14	RTSM14	—	18.7	12.1	6.4	19.3	5.8			
15	RTSM15	—	20.3	12.1	6.3	20.3	6.4			
—	—	RTMBS8	15/32	15/32	—	17/32	7/16		•	•
—	—	RAT72A	11 mm Internal Hex Low-Profile						•	•

Sets include storage tray

RAT72A 1/4" Drive Dual 80® Technology 11 mm Internal Hex Low-Profile Ratchet

- Special low-profile square drive design works with low-profile sockets to access restricted clearance areas with no loss of strength
- Dual 80® Technology requires less arc to engage the next gear tooth to provide extra access in confined areas

RTMBS8 Low-Profile Magnetic 1/4" Shank Bit Holder

- Magnetic Bit Holder for the Low-Profile RAT72A Ratcheting Wrench
- Holds any 1/4" shank bit: SAE and metric hex bits, TORX®, and ball TORX®, PHILLIPS® and straight bits
- Fits in any 11 mm ratcheting wrench



110RT

Low-Profile Socket Sets, Inches

Inches	Set Contains:							Set Contains:		
	12	12	A	B	C	D	E	12	12	
3/16	RT61	RTM61	5/16	15/32	11/32	25/32	3/32	•	•	
7/32	RT71	RTM71	11/32	15/32	3/8	13/16	3/32	•	•	
1/4	RT81	RTM81	3/8	15/32	5/16	3/4	1/8	•	•	
9/32	RT91	RTM91	13/32	15/32	5/16	3/4	1/8	•	•	
5/16	RT101	RTM101	15/32	15/32	5/16	3/4	5/32	•	•	
11/32	RT111	RTM111	1/2	15/32	13/32	9/32	3/16	•	•	
3/8	RT121	RTM121	17/32	15/32	9/32	11/16	3/16	•	•	
7/16	RT141	RTM141	19/32	15/32	1/4	11/16	3/16	•	•	
1/2	RT161	RTM161	11/16	15/32	7/32	23/32	7/32	•	•	
9/16	RT181	RTM181	3/4	15/32	1/4	3/4	1/4	•	•	
—	—	RTMBS8	15/32	15/32	—	17/32	7/16		•	
—	—	RAT72A	11 mm Internal Hex Low-Profile						•	•

Sets include storage tray

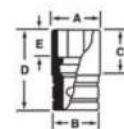


108ES10MMY

Essential Socket Sets

108ES10MMY 8 pc 1/4" Drive Essential 10 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
- Includes: TMM10, STMM10, YTMM10, TMUSM10A, SIMTMM10, IMTMM1, TMMD10, and IPTMM10A in a magnetic storage tray



- 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.
- Do not replace worn parts individually; use entire contents of the service kit.
- Do not use bits with impact driver.
- Read Safety Precautions on pages W1-W4

FLANK DRIVE® LOW-PROFILE SOCKETS

1/4" DRIVE TOOLS



SDMS17

Stubby Bits and Bit Holder for Low-Profile Ratchets

Set Contains: **SDMS17**



SDMS10

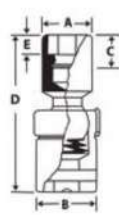


SDMS10

Type (chart)	Stock No.	Size	
Flat Tip	SDMS213	1/4"	•
PHILLIPS®	SDMS222IR	#2	•
Metric Hex	SDMSM3	3 mm	•
	SDMSM4	4 mm	•
	SDMSM5	5 mm	•
	SDMSM6	6 mm	•
	SDMSM8	8 mm	•
Inch Hex	SDMS8	1/8"	•
	SDMS9	9/64"	•
	SDMS10	5/32"	•
	SDMS12	3/16"	•
	SDMS16	1/4"	•
TORX®	SDMST15	T15	•
	SDMST20	T20	•
	SDMST25	T25	•
	SDMST27	T27	•
	SDMST30	T30	•

Set includes storage tray

FLANK DRIVE® UNIVERSAL SOCKETS



TMUM8A



111TMUSMA

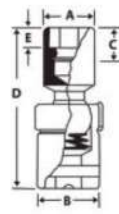
Set Contains:

111TMUSMA
106TMUSMA

Shallow Universal, mm, Chrome

mm	6	12	A	B	C	D	E	6	6
5	TMUSM5A	TMUM5A	8.3	12.7	7.9	28.6	3.2		
5.5	TMUSM5.5A		8.5	12.7	—	29.2	3.6	•	
6	TMUSM6A	TMUM6A	9.6	12.7	7.9	29.7	3.8	•	
7	TMUSM7A	TMUM7A	10.7	12.7	10.3	30.5	4.3	•	
8	TMUSM8A	TMUM8A	11.8	12.7	10.3	30.5	4.8	•	•
9	TMUSM9A	TMUM9A	12.7	12.7	11.1	31.2	4.8	•	
10	TMUSM10A	TMUM10A	14.0	12.7	11.9	32.5	5.8	•	•
11	TMUSM11A		15.4	12.7	—	33.0	6.6	•	
12	TMUSM12A	TMUM12A	16.5	12.7	14.3	34.5	6.9	•	•
13	TMUSM13A	TMUM13A	17.3	12.7	16.3	36.8	7.6	•	•
14	TMUSM14A		19.1	12.7	19.1	38.9	8.3	•	•
15	TMUSM15A		20.6	12.7	21.4	41.3	8.7	•	•

Sets include storage tray



TMU161A



GTMU141A



106TMUSA

Set Contains:

106TMUSA
106TMUA

Shallow Universal, Inches, Chrome

in	6	12	12	A	B	C	D	E	6	12
3/16	—	TMU61A*	—	5/16	1/2	25/64	1-1/4	15/64		
7/32	—	TMU71A*	GTMU71A*	11/32	1/2	25/64	1-1/4	15/64		
1/4	TMUS81A	TMU81B	—	25/64	1/2	25/64	1-1/4	7/32	•	•
9/32	—	TMU91A	—	27/64	1/2	33/64	1 9/32	17/64		
5/16	TMUS101A	TMU101A	—	15/32	1/2	35/64	1-5/16	17/64	•	•
11/32	—	TMU111A	—	1/2	1/2	9/16	1-11/32	17/64		
3/8	TMUS121A	TMU121A	—	9/16	1/2	39/64	1-3/8	17/64	•	•
7/16	TMUS141A	TMU141A	GTMU141A	39/64	1/2	41/64	1-7/16	21/64	•	•
1/2	TMUS161A	TMU161A	—	11/16	1/2	23/32	1-1/2	21/64	•	•
9/16	TMUS181A	TMU181A	—	3/4	1/2	3/4	1-17/32	7/32	•	•

Sets include storage tray
*Conventional hex.

Deep Universal, mm, Chrome

mm	12	A	B	C	D	E
10	STMUM10A	14.3	12.7	21.0	40.5	5.6



STMUM10A

Deep Universal, Inches, Industrial

	12	A	B	C	D	E
5/16	GSTMU101A	1/2	1/2	21/32	1-25/32	17/64



GSTMU101A

TORX® SOCKETS



213AFLEY

Shallow TORX®, Chrome

#	Stock No.	A	B	C
E4	TLE40A	7/16	7/8	17/64
E5	TLE50A	7/16	7/8	19/64
E6	TLE60A	7/16	7/8	21/64
E7	TLE70A	7/16	7/8	23/64
E8	TLE80A	7/16	7/8	27/64
E10	TLE100A	1/2	7/8	7/16
E12	TLE120A	35/64	35/64	7/8

Sets shown include magnetic storage tray

210AFLEY 10 pc Combination Drive TORX® Shallow Socket Set

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

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



STLE70

Deep TORX®, Chrome

#	Stock No.	A	B	C
E4	STLE40	31/64	9/32	2
E5	STLE50	31/64	5/16	2
E6	STLE60	31/64	21/64	2
E7	STLE70	31/64	3/8	2
E8	STLE80	31/64	13/32	2
E10	STLE100	31/64	7/16	2

STLE70 1/4" Drive TORX® E7 Deep Socket

- 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
- For removing and installing vacuum pumps on BMW® N63 V8 engines without removing the catalytic converter, saving technician an average of two hours

Low-Profile Inverted TORX®, Chrome

#	Stock No.	A	B	C	
E4	RTLE40	12.1	6.7	16.5	•
E5	RTLE50	12.1	7.7	16.5	•
E6	RTLE60	12.1	8.4	16.5	•
E7	RTLE70	12.1	9.3	16.5	•
E8	RTLE80	12.1	10.5	16.6	•
E10	RTLE100	12.1	12.1	17.4	•

Set includes storage tray

Set Contains:

106RTLE



106RTLE



TSE120

Universal TORX®, Chrome

#	Stock No.	A	B	C	D	E
E8	TSE80	27/64	1/2	43/64	1-9/32	1/4
E10	TSE100	1/2	1/2	1/2	1-11/32	17/64
E12	TSE120	9/16	1/2	39/64	1-3/8	17/64

TSE80 1/4" Drive TORX® E8 Universal Socket

- Applications include Mercedes-Benz® turbo chargers, crankshaft position sensor, sensors and intake bolts, bell housing bolts and ignitions switch
- Manufactured from special alloy steel
- Precision forged and heat-treated for optimum strength and durability

TSE100 1/4" Drive TORX® E10 Universal Socket

TSE120 1/4" Drive TORX® E12 Universal Socket

- Applications include Mercedes-Benz® oil pan bolts, interior and engine fasteners, water pumps, power steering pumps and engine covers on newer models



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

FLANK DRIVE® HIGH-PERFORMANCE SOCKETS



TDHU81B

Universal, Inches, Chrome (1/4")

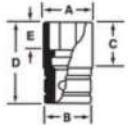
Chrome tools comply with Military Spec. MS-33787 and MIL-W-8982. (Industrial finish tools comply with performance specifications and differ only in finish.) The unique spline wrenching configuration can also be used on ordinary 6 and 12 point fasteners with an advantage similar to the Snap-on® Flank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

		A	B	C	D	E
3/8	TDHU81B	13/32	1/2	3/8	1-7/32	1/4
5/16	TDHU121B	17/32	1/2	7/16	1-7/16	5/16
1/4	TDHU101B	15/32	1/2	1/2	1-11/32	1/4

SPLINE SOCKETS



TES10B



Shallow, Inches, Chrome (1/4")

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 teeth over a wider area to minimize stress, and allow application of high torque to reduce risk of damage to the fastener or to the tool. Chrome tools comply with Military Spec. MS-33787 and MIL-W-8982. 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.



209TFES

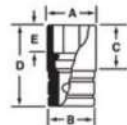
		A	B	C	D	E
#7 (7/32)	TES7B	11/32	7/16	15/32	15/16	7/32
#8 (1/4)	TES8B	3/8	7/16	15/32	15/16	9/32
#9 (9/32)	TES9B	7/16	7/16	—	15/16	—
#10 (5/16)	TES10B	15/32	15/32	—	15/16	11/32
#12 (3/8)	TES12B	35/64	35/64	19/32	59/64	23/64
#14 (7/16")	TES14B	5/8	39/64	23/32	1-3/64	7/16

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



207FEL



Deep, Inches, Chrome (1/4")

		A	B	C	D	E
#7 (7/32)	TEL7B	11/32	7/16	1-17/32	2	7/32
#8 (1/4)	TEL8B	3/8	7/16	1-17/32	2	9/32
#10 (5/16)	TEL10B	15/32	15/32	1-17/32	2	11/32

207FEL 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



TESU8B



TESU10B

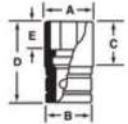


Shallow Universal, Inches, Chrome (1/4")

		A	B	C	D	E
1/4	TESU8B	3/8	1/2	13/32	1-7/32	7/32
5/16	TESU10B	15/32	1/2	1/2	1-11/32	9/32



TELM8B



Deep, Metric, Chrome (1/4")

		A	B	C	D	Dimension E, Opening Depth, mm
#7 (7/32)	TELM7B	10.4	10.9	36.3	50.8	7.3
#8 (1/4)	TELM8B	11.7	11.7	36.3	50.8	8.8
#10 (5/16)	TELM10B	11.7	11.7	36.3	50.8	8.8



TTA35

Torque Adaptor

TTA35 1/4" Drive Female/Male Torque Adaptor

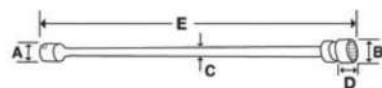
- 3.5" long, center to center

Swivel Ball Extension Sockets, mm, Industrial

1/4" Drive 6-Point Metric 7 mm Swivel Ball Extension

Power Socket

- Great for difficult-to-access areas 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 easier, faster removal of stubborn fasteners and time savings
- 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



PTSXM608

mm	6	A	B	C	D	E
7	PTSXM607A	12.19	11.38	8.25	13.28	135.89
8	PTSXM608	12.19	11.38	8.25	12.95	138.17



106FLIPSET

S6911

Flip Sockets

106FLIPSET 6 pc 1/4" Drive 12-Point Metric Semi-Deep Flip Socket Set

- Manufactured from special alloy steel, precision forged and heat-treated for optimum strength and durability
- Double hex (12 pt) allows socket to engage single hex fastener every 30° rather than every 60°, allowing for better access in restricted areas
- Set includes 8/10, 9/11, 12/14 and 13/15 mm flip sockets, 2 and 6" long Hex-to-Square Adaptors
- Great starter set for cordless screwdrivers

S61214 1/4" Drive 12-Point Metric 12 and 14 mm Semi-Deep Flip Socket

- Manufactured from special alloy steel, precision forged and heat-treated for optimum strength and durability
- Double hex (12-point) configuration allows socket to engage single hex fastener every 30° rather than every 60°, allowing for better access in restricted areas
- Use on 12 and 14 mm fasteners found in numerous applications on Asian vehicles

S61315 1/4" Drive 12-Point Metric 13 and 15 mm Semi-Deep Flip Socket

- Use on 13 and 15 mm fasteners found in numerous applications on US vehicles

S6810 1/4" Drive 12-Point Metric 8 and 10 mm Semi-Deep Flip Socket

- Double hex (12-point) allows socket to engage single hex fastener every 30° rather than every 60°, allowing for better access in restricted areas
- For removing and installing underbelly pans on various vehicles
- BMW® vehicles use 30 fasteners that are a combination of 8 and 10 mm that hold the underbelly pans on various vehicles, providing the convenience of one tool to work on both sizes
- Lexus® vehicles use 10 mm fasteners
- Infiniti® and Mercedes-Benz® vehicles use 8 mm fasteners
- Splash shields on Chevrolet® Cruze® vehicles and Buick® Verano® vehicles use 8 mm fasteners
- Manufactured from special alloy steel and heat-treated for optimum strength
- 1.44" long

S6911 1/4" Drive 12-Point Metric 9 and 11 mm Semi-Deep Flip Socket

- Use on 9 and 11 mm fasteners found in numerous applications on European vehicles



PMP303

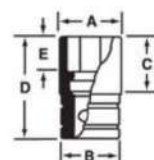
Pipe Plug, mm

PMP303 1/4" Drive Metric 3 mm Pipe Plug Socket

- Used to adjust the intake and exhaust valve rocker arms on Mercury Marine® four-stroke outboard motors
- Motor sizes: 10, 15, 20, 25 and 30 HP
- Manufactured from special alloy steel



TM408



Double Square, Chrome

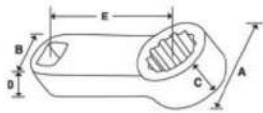
Stock No.	A	B	C	D	E
1/4 TM408	15/32	15/32	17/32	7/8	1/4
5/16 TM410	9/16	17/32	17/32	7/8	9/32
3/8 TM412	21/32	5/8	17/32	7/8	5/16



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

SPECIAL APPLICATION SOCKETS

1/4" DRIVE TOOLS



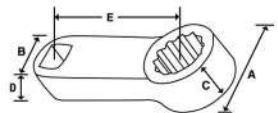
TRDHM7

Torque Adaptors, mm 1/4" Drive 12-Point Metric 6 mm Torque Adaptor

- Manufactured from special alloy steel
- Precision forged and heat-treated for optimum strength and durability
- 12-point double hex allows the socket to engage single hex fastener every 30° rather than every 60°, allowing for better access in restricted areas
- 1" center-to-center length on adaptor for easy torque calculations
- Design features radius edges that resist damage/nicks

mm	12	A	B	C	D	E
6	TRDHM6*	9.5	11.9	6.6	6.6	25.4
7	TRDHM7**	9.5	11.9	6.6	6.6	25.4
8	TRDHM8**	9.5	11.9	6.6	6.6	25.4

*For applications involving AS350/355 Aigbus® helicopters (formerly Eurocopter) known as A-star® and Twin-Star helicopters in North America
 **Used attached to a torque wrench on a hard-to-reach fastener



TRDHL101

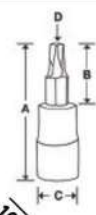
Torque Adaptors, SAE (1/4" Drive)

Stock No.	Description	A	B	C	D	E
TRDHL101	1/4" Drive 5/16" SAE Torque Adaptor	1/2 (12.7)	15/32 (11.91)	17/64 (6.75)	17/64 (6.75)	2 (50.8)
TRDHL121	1/4" Drive 3/8" SAE Torque Adaptor	37/64 (14.68)	15/32 (11.91)	17/64 (6.75)	17/64 (6.75)	2 (50.8)
TRDHL141	1/4" Drive 7/16" SAE Torque Adaptor	43/64 (17.1)	15/32 (11.91)	17/64 (6.75)	17/64 (6.75)	2 (50.8)
TRDHL81	1/4" Drive 1/4" SAE Torque Adaptor	13/32 (10.32)	15/32 (11.91)	17/64 (6.75)	17/64 (6.75)	2 (50.8)
TRDHL101	1/4" Drive 5/16" SAE DH Low-Profile Torque Adaptor	1/2 (12.7)	15/32 (11.91)	1/8 (3.18)	17/64 (6.75)	2 (50.8)

TORX® BIT SOCKETS



106TTX



212EFTXY

★ TORX®/Standard (1/4")

Set Contains: 106TTX

Size	TORX	Standard	A	B	C	D	TORX
T8	TTX8E	GTTX8E	1-37/64	45/64	15/32	TTX8E2	•
T10	TTX10E	GTTX10E	1-37/64	45/64	15/32	TTX10E2	•
T15	TTX15E	GTTX15E	1-37/64	45/64	15/32	TTX15E2	•
T20	TTX20E	GTTX20E	1-37/64	45/64	15/32	TTX20E2	•
T25	TTX25E	GTTX25E	1-37/64	45/64	15/32	TTX25E2	•
T27	TTX27E		1-37/64	45/64	15/32	FTX27E2	•
T30	TTX30E		1-37/64	45/64	15/32	FTX30E2	
T40	TTX40E		1-37/64	45/64	15/32	FTX40E2	

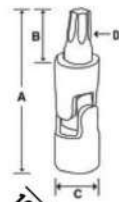
Sets include storage tray

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



105TUTX



★ TORX®/Stubby Universal, Chrome (1/4")

Set Contains: 105TUTX

Size	Stock No.	A	B	C	D	
T20	TUTX20E	1-3/4	1/2	1/2	TUTX20E2	•
T25	TUTX25E	1-3/4	1/2	1/2	TUTX25E2	•
T27	TUTX27E	1-3/4	1/2	1/2	TUTX27E2	•
T30	TUTX30E	1-3/4	1/2	1/2	TUTX30E2	•
T40	TUTX40E	1-3/4	1/2	1/2	TUTX40E2	•

Set includes storage tray

105TUTX 5 pc TORX® Stubby Universal Bit Socket Set

- Numerous other applications for Mercedes® that require a TORX® Stubby Bit Socket where a TORX® Regular Bit Socket will not fit in T20, T25 and T27