

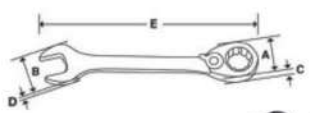
FLANK DRIVE® PLUS REVERSIBLE RATCHETING COMBINATION

WRENCHES



- Patented, ratcheting mechanism utilizes Snap-on® Dual 80® Technology, combining dual pawls with a thin-walled, box-end design for smooth operation and more torque transfer in less lateral space
- 12-point ratcheting gear is cold formed and features the Flank Drive® wrenching configuration, the proven design for turning fasteners
- Open end features the patented Flank Drive® Plus wrenching configuration that delivers up to 62% more turning power than conventional wrenches

- Up to 80 gear teeth requires minimal movement in tight areas
- Box end is offset 15° for maximum clearance
- **STRONG:** Manufactured from special alloy steel; Precision forged, cold-formed and heat treated; Nickel-chrome plating; optimum corrosion protection, strength and durability
- **POWERFUL:** Continuous arc design; smooth operation distributes stress evenly creating more torque transfer



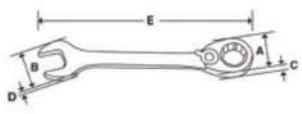
Ratcheting Combination/Standard Handle, 15° Offset, mm



mm	12	A	B	C	D	E	Set Contains:			
							SOXRRM704A*	SOXRRM707A*	SOXRRM710A*	SOXRRM01FBRA^
6	SOXRRM6A	16.3	13.8	6.7	3.7	126	•			•
7	SOXRRM7A	16.8	15.1	6.9	3.9	137	•			•
8	SOXRRM8A	17.8	17.0	7.1	4.3	149	•			•
9	SOXRRM9A	19.6	19.2	7.9	4.7	164	•			•
10	SOXRRM10A	19.1	21.1	7.2	5.1	179		•	•	•
11	SOXRRM11A	21.1	23.4	7.6	5.5	194		•	•	•
12	SOXRRM12A	22.7	25.1	8.1	5.9	207		•	•	•
13	SOXRRM13A	24	27.2	8.2	6.3	221		•	•	•
14	SOXRRM14A	26.3	29.2	8.2	6.7	235		•	•	•
15	SOXRRM15A	27.8	31.2	9.1	7.1	249		•	•	•
16	SOXRRM16A	28.4	33	9.8	7.4	261			•	•
17	SOXRRM17A	30.5	35.1	9.9	7.8	277		•	•	•
18	SOXRRM18A	31.8	37.1	10.4	8.2	291			•	•
19	SOXRRM19A	32.4	39.4	10.9	8.6	305			•	•

*Sets include storage tray
^Sets shown include foam organizer

ASME® B107.100



Ratcheting Combination/Standard Handle, 15° Offset, inches



in	12	A	B	C	D	E	Set Contains:		
							SOXRR702A*	SOXRR707A*	SOXRR01FBRA^
1/4	SOXRR8A	21/32	9/16	9/32	5/32	4-15/16	•		•
5/16	SOXRR10A	27/32	11/16	9/32	3/16	5-29/32	•		•
3/8	SOXRR12A	3/4	27/32	9/32	7/32	7-1/32		•	•
7/16	SOXRR14A	27/32	15/16	5/16	7/32	7-21/32		•	•
1/2	SOXRR16A	15/16	1-1/16	11/32	1/4	8-11/16		•	•
9/16	SOXRR18A	1-1/32	1-5/32	11/32	1/4	9-1/4		•	•
5/8	SOXRR20A	1-1/8	1-5/16	3/8	9/32	10-9/32		•	•
11/16	SOXRR22A	1-3/16	1-3/8	13/32	5/16	10-7/8		•	•
3/4	SOXRR24A	1-9/32	1-9/16	7/16	11/32	12		•	•

*Sets include storage tray
^Sets shown include foam organizer

ASME® B107.100



FLANK DRIVE® PLUS REVERSIBLE RATCHETING COMBINATION

WRENCHES

Foam Combination Sets (Wrenches)

SOXRRSET1BRA* 23 pc 12-Point Metric/SAE Flank Drive®

Plus Reversible Ratcheting Combination Wrench Master Foam Set

- Includes SOXRRM6A–SOXRRM19A (6–19 mm) and SAE SOXRR8A–SOXRR24A (1/4–3/4") in a foam organizer
- Patented ratcheting mechanism utilizes Snap-on® Dual 80® Technology, combining dual-pawls with a thin-walled, box-end design, for smooth operation and more torque transfer in less lateral space
- Flank-Drive® gear features an 80-tooth profile and is cold formed from the same steel as Snap-on sockets, delivering up to 40% more cycle life and strength equivalent to traditional combination wrenches
- Flank-Drive® Plus wrenching profile on open end, "bites" into the fastener, preventing slipping and rounding of the fasteners, while providing up to 62% more turning power and strength
- Manufactured from special alloy steel; precision forged and heat-treated, with nickel-chrome finish for optimum strength and durability
- Longer length wrench handle is sized for optimum comfort and balance, and provides increased leverage, especially in tight spaces
- Handle is offset 15° from box-end for maximum knuckle clearance and increased access in any space



SOXRRSET1BRA

FOAM ORGANIZER

- Modular design provides in-drawer reconfiguration for new tools
- Each tool is precision fitted providing ultimate tool protection
- Push-to-lift feature facilitates tool retrieval while maintaining max tool density on smallest footprint
- Contrasting colors provide visual control which eliminates time searching for missing tools
- Closed cell cross-linked foam resist oils, solvents and fuels—easy to clean
- Fits in a 3" drawer

Colors Available



* OA GA
 ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.

Reversible Ratcheting Box/Speed Open End, mm

- Patented open end speed-wrenching configuration delivers more speed than conventional wrenches
- Speed open end provides quick, ratchet-like action
- Flank Drive® wrenching system on the box end provides up to 15–20% more turning power with less risk of tool or fastener damage
- Manufactured from special alloy steel, precision forged and heat treated for optimum strength and durability
- Up to 80 gear teeth for minimal movement in tight areas
- Box end is offset 15° for clearance
- Sized for optimum comfort and balance
- Nickel-chrome plating helps protect against corrosion and makes it easy to wipe clean

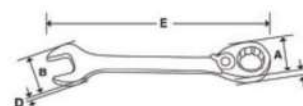
mm	12	A	B	C	D	E	Gear Teeth	12
10	SRXRM10	21.5	19.1	8.3	5.1	179	72	•
11	SRXRM11	22.0	21.0	8.6	5.6	194	72	•
12	SRXRM12	23.5	22.9	9.3	5.9	207	80	•
13	SRXRM13	25.0	24.8	10.2	6.4	221	80	•
14	SRXRM14	27.0	26.7	10.2	6.6	235	80	•
15	SRXRM15	28.5	28.6	11.1	7.4	249	80	•
16	SRXRM16	30.5	30.5	11.1	7.4	261	80	•
17	SRXRM17	32.0	32.4	12.0	7.9	277	80	•
18	SRXRM18	34.5	34.3	12.0	8.2	291	80	•
19	SRXRM19	36.5	36.2	12.9	8.6	305	80	•

Sets include storage tray

ASME® B107.100

Set Contains:

SRXRM10



SRXRM10

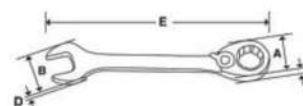
Reversible Ratcheting Combination/Spline, inches

Size, Spline (SAE)	Stock No.	A	B	C	D	E	
#12 (3/8")	SOSRR12	3/4	27/32	9/32	7/32	7-1/32	•
#14 (7/16")	SOSRR14	27/32	15/16	5/16	7/32	7-21/32	•
#16 (1/2")	SOSRR16	15/16	1-1/16	11/32	1/4	8-11/16	•
#18 (9/16")	SOSRR18	1-1/32	1-5/32	11/32	1/4	9-1/4	•
#20 (5/8")	SOSRR20	1-1/8	1-5/16	3/8	9/32	10-9/32	•
#22 (11/16")	SOSRR22	1-3/16	1-3/8	13/32	5/16	10-7/8	•
#24 (3/4")	SOSRR24	1-9/32	1-9/16	7/16	11/32	12	•

Sets include storage tray

Set Contains:

SOSRR12



SOSRR12



- Frequently inspect, clean and lubricate ratchet mechanism with light oil.
- Read Safety Precautions on pages W1–W4

FLANK DRIVE® PLUS NON-REVERSIBLE COMBINATION



SOXRM703A



SOXRM704A



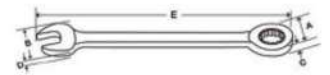
SOXRM710A



SOXRM01FBRA



SOXRM02FBRA



Ratcheting Combination/ Standard Handle, 0° Offset, mm

mm	12	A	B	C	D	E	Set Contains:				
							SOXRM703A*	SOXRM704A*	SOXRM710A*	SOXRM01FBRA^	SOXRM02FBRA^
	12						12	12	12	12	12
6	SOXRM6A	16	13.2	6.4	3.5	123		•			•
7	SOXRM7A	16	15	6.4	3.9	134		•			•
8	SOXRM8A	16.9	17	6.4	4.3	147		•			•
9	SOXRM9A	18.2	19.2	6.8	4.7	159		•			•
10	SOXRM10A	19.1	21.1	7.2	5.1	171			•	•	
11	SOXRM11A	21.1	23.4	7.6	5.5	183			•	•	
12	SOXRM12A	22.7	25.1	8.1	5.9	195			•	•	
13	SOXRM13A	24	27.2	8.2	6.3	207			•	•	
14	SOXRM14A	26.3	29.2	8.3	6.7	219			•	•	
15	SOXRM15A	27.8	31.2	8.3	7.1	231			•	•	
16	SOXRM16A	28.4	33	9.8	7.4	243			•	•	
17	SOXRM17A	30.5	35.1	9.9	7.8	255			•	•	•
18	SOXRM18A	31.8	37.1	10.4	8.2	267			•	•	•
19	SOXRM19A	32.4	39.4	10.9	8.6	279			•	•	•
21	SOXRM21A	39.5	43.2	13	9.4	314	•				•
22	SOXRM22A	39.7	45.7	13	9.9	329	•				•
24	SOXRM24A	46.1	48.8	14.1	10.5	358	•				•

*Sets include storage tray
^Sets shown include foam organizer.

ASME® B107.100



FLANK DRIVE® PLUS NON-REVERSIBLE COMBINATION

WRENCHES



SOXR702A



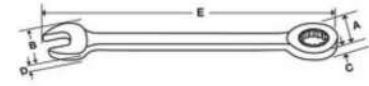
SOXR704A



SOXR707A



SOXR02FBRA



Ratcheting Combination/ Standard Handle, 0° Offset, inches

12	12	A	B	C	D	E	Set Contains:					
							SOXR702A*	SOXR704A*	SOXR707A*	SOXR01FBRA^	SOXR02FBRA^	
1/4	SOXR8A	5/8	1/2	1/4	9/64	4-27/32	•				•	
5/16	SOXR10A	21/32	43/64	1/4	11/64	6-1/4	•				•	
3/8	SOXR12A	3/4	27/32	9/32	3/16	6-3/4			•	•		
7/16	SOXR14A	27/32	29/32	5/16	7/32	7-7/32			•	•		
1/2	SOXR16A	15/16	1-1/16	11/32	1/4	8-5/32			•	•		
9/16	SOXR18A	1-1/32	1-5/32	11/32	1/4	8-5/8			•	•		
5/8	SOXR20A	1-1/8	1-5/16	3/8	9/32	9-9/16			•	•		
11/16	SOXR22A	1-7/32	1-3/8	13/32	5/16	10-1/32			•	•		
3/4	SOXR24A	1-9/32	1-9/16	7/16	11/32	10-31/32			•	•		
13/16	SOXR26A	1-9/16	1-3/4	17/32	3/8	12-3/8		•			•	
7/8	SOXR28A	1-9/16	1-13/16	17/32	13/32	12-15/16		•			•	
15/16	SOXR30A	1-13/16	1-15/16	9/16	7/16	14-1/8		•			•	
1	SOXR32A	1-13/16	1-15/16	9/16	7/16	14-11/16		•			•	

*Sets include storage tray

^Sets shown include foam organizer.

ASME® B107.100

Non-Reversible Ratcheting Combination/Spline, inches

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.



12	Stock No.	A	B	C	D	E
#7 (7/32)	SOSR7	5/8	17/32	1/4	5/32	4-27/32
#8 (1/4)	SOSR8	5/8	17/32	1/4	5/32	4-27/32
#9 (9/32)	SOSR9	21/32	11/16	1/4	3/16	5-25/32
#10 (5/16)	SOSR10	21/32	11/16	1/4	3/16	5-25/32
#11 (11/32)	SOSR11	23/32	3/4	9/32	3/16	6-1/4
#12 (3/8)	SOSR12	3/4	27/32	9/32	7/32	6-3/4
#14 (7/16")	SOSR14	27/32	15/16	5/16	7/32	7-7/32
#16 (1/2")	SOSR16	15/16	1-1/16	11/32	1/4	8-5/32
#18 (9/16")	SOSR18	1-1/32	1-5/32	11/32	1/4	8-5/8
#20 (5/8")	SOSR20	1-1/8	1-5/16	3/8	9/32	9-9/16
#22 (11/16")	SOSR22	1-3/16	1-3/8	13/32	5/16	10-1/32
#24 (3/4")	SOSR24	1-9/32	1-9/16	7/16	11/32	10-31/32
#26 (13/16")	SOSR26	1-9/16	1-23/32	1/2	3/8	12-11/32
#28 (7/8")	SOSR28	1-9/16	1-13/16	1/2	13/32	12-15/16
#30 (15/16")	SOSR30	1-13/16	1-15/16	9/16	13/32	14-1/8
#32 (1")	SOSR32	1-13/16	2-1/32	9/16	7/16	14-23/32



SOSR10



SOSR30



- Frequently inspect, clean and lubricate ratchet mechanism with light oil.
- Read Safety Precautions on pages W1-W4

FLANK DRIVE® RATCHETING COMBINATION



Ratcheting Combination/Standard Handle, 0° Offset, inches

Hex Size	Set Contains: 12	A	B	C	D	E	Set Contains:		
							OXR702A	OXR707A*	OXR704A*
1/4	OXR8A	5/8	1/2	1/4	9/64	4-27/32	•		
5/16	OXR10A	21/32	43/64	1/4	11/64	6-1/4	•		
3/8	OXR12A	3/4	27/32	9/32	3/16	6-3/4		•	
7/16	OXR14A	27/32	29/32	5/16	7/32	7-7/32		•	
1/2	OXR16A	15/16	1-1/16	11/32	1/4	8-5/32		•	
9/16	OXR18A	1-1/32	1-5/32	11/32	1/4	8-5/8		•	
5/8	OXR20A	1-1/8	1-5/16	3/8	9/32	9-9/16		•	
11/16	OXR22A	1-7/32	1-3/8	13/32	5/16	10-1/32		•	
3/4	OXR24A	1-9/32	1-9/16	7/16	11/32	10-31/32		•	
13/16	OXR26A	1-9/16	1-3/4	17/32	3/8	12-3/8			•
7/8	OXR28A	1-9/16	1-13/16	17/32	13/32	12-15/16			•
15/16	OXR30A	1-13/16	1-15/16	9/16	7/16	14-1/8			•
1	OXR32A	1-13/16	2-1/16	9/16	7/16	14-11/16			•

*Sets include storage tray

ASME® B107.100



Ratcheting Combination/Standard Handle, 0° Offset, mm

Hex Size (mm)	Set Contains: 12	A	B	C	D	E	Set Contains:		
							OXRM704A*	OXRM710A*	OXRM703A
6	OXRM6A	16	13.2	6.4	3.5	123	•		
7	OXRM7A	16	15	6.4	3.9	134	•		
8	OXRM8A	16.9	17	6.4	4.3	147	•		
9	OXRM9A	18.2	19.2	6.8	4.7	159	•		
10	OXRM10A	19.1	21.1	7.2	5.1	171		•	
11	OXRM11A	21.1	23.4	7.6	5.5	183		•	
12	OXRM12A	22.7	25.1	8.1	5.9	195		•	
13	OXRM13A	24	27.2	8.2	6.3	207		•	
14	OXRM14A	26.3	29.2	8.3	6.7	219		•	
15	OXRM15A	27.8	31.2	8.3	7.1	231		•	
16	OXRM16A	28.4	33	9.8	7.4	243		•	
17	OXRM17A	30.5	35.1	9.9	7.8	255		•	
18	OXRM18A	31.8	37.1	10.4	8.2	267		•	
19	OXRM19A	32.4	39.4	10.9	8.6	279		•	
21	OXRM21A	39.5	43.2	13	9.4	314			•
22	OXRM22A	39.7	45.7	13	9.9	329			•
24	OXRM24A	46.1	48.8	14.1	10.5	358			•

*Sets include storage tray

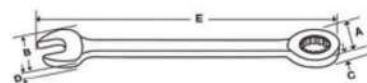
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OXKRM705



OXKRM707



Set Contains:

OXKRM705
OXKRM707

Ratcheting Combination/Short Handle, 0° Offset, mm

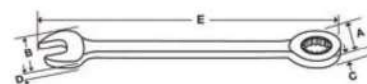
mm	12	A	B	C	D	E	12	12
6	OXKRM6	16	13.2	6.4	3.5	81		
7	OXKRM7	16	14.9	6.4	3.9	85		
8	OXKRM8	16.9	17	6.4	4.3	89		•
9	OXKRM9	18.2	19.1	6.8	4.7	93		•
10	OXKRM10	19.1	21.1	7.2	5.1	97		•
11	OXKRM11	21.1	23.4	7.6	5.5	101		•
12	OXKRM12	22.7	25.1	8.1	5.9	105		•
13	OXKRM13	24.0	27.2	8.2	6.3	110		•
14	OXKRM14	26.3	29.2	8.3	6.7	114		•
15	OXKRM15	27.8	31.2	8.3	7.1	118	•	
16	OXKRM16	28.4	33.0	9.8	7.4	122	•	
17	OXKRM17	30.5	35.1	9.9	7.8	127	•	
18	OXKRM18	31.8	37.1	10.4	8.2	131	•	
19	OXKRM19	32.4	39.4	10.9	8.6	135	•	

Sets include storage tray

ASME® B107.100



OXKR707



Set Contains:

OXKR707

Ratcheting Combination/Short Handle, 0° Offset, inches

in	12	A	B	C	D	E	12
1/4	OXKR8	5/8	1/2	1/4	9/64	3-3/16	
5/16	OXKR10	21/32	43/64	1/4	11/64	3-17/32	
3/8	OXKR12	3/4	27/32	9/32	3/16	3-27/32	•
7/16	OXKR14	27/32	29/32	5/16	7/32	3-31/32	•
1/2	OXKR16	15/16	1-1/16	11/32	1/4	4-5/16	•
9/16	OXKR18	1-1/32	1-5/32	11/32	1/4	4-15/32	•
5/8	OXKR20	1-1/8	1-5/16	3/8	9/32	4-13/16	•
11/16	OXKR22	1-7/32	1-3/8	13/32	5/16	4-31/32	•
3/4	OXKR24	1-9/32	1-9/16	7/16	11/32	5-11/32	•

Sets include storage tray

ASME® B107.100

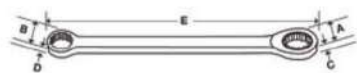


- Frequently inspect, clean and lubricate ratchet mechanism with light oil.
- Read Safety Precautions on pages W1-W4

FLANK DRIVE® HIGH-PERFORMANCE RATCHETING BOX WRENCHES

- Extended-length handle pattern, combined with 0° offset, increases leverage to maximize torque to break loose difficult fasteners
- 80-tooth ratcheting gear utilizes key elements of Snap-on® Dual 80® Technology, minimizing swing arc when working in restricted spaces
- Flank-Drive® box-end wrenching system grips fastener flats to deliver up to 15–20% more turning power with less risk of fastener damage

- Wrench handle is sized for optimum length, comfort and balance
- Nickel-chrome finish helps protect against corrosion and makes it easy to wipe the wrenches clean



XDLRM705K1A

Ratcheting Box, 0° Offset, mm

Set Contains:
XDLRM705K1A XDLRM705K2A

mm	12	A	B	C	D	E	12	12
8	XDLRM8A	16.9	11.6	6.4	6.2	231		
9	XDLRM9A	18.2	13	6.8	6.2	244		
10	XDLRM10A	19.1	14.4	7.2	7.6	257		•
11	XDLRM11A	21.1	15.6	7.6	8.5	270	•	
12	XDLRM12A	22.7	17.1	8.1	8.9	282	•	
13	XDLRM13A	24	18.7	8.2	8.9	295		•
14	XDLRM14A	26.3	20.1	8.3	10.2	336	•	
15	XDLRM15A	27.8	21.5	8.3	10.9	349		•
16	XDLRM16A	28.4	22.6	9.8	11.2	362	•	
17	XDLRM17A	30.5	23.7	9.9	11.3	375		•
18	XDLRM18A	31.8	24.9	10.4	12.1	388	•	
19	XDLRM19A	32.4	26.3	10.9	12.1	401		•

Sets include storage bag.



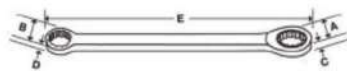
XDLR705A

Ratcheting Box, 0° Offset, inches

Set Contains:
XDLR705A

	12	A	B	C	D	E	12
5/16	XDLR10A	21/32	29/64	1/4	1/4	9-1/16	
3/8	XDLR12A	3/4	9/16	9/32	19/64	10-3/32	•
7/16	XDLR14A	27/32	39/64	5/16	11/32	10-39/64	•
1/2	XDLR16A	15/16	23/32	11/32	23/64	11-5/8	•
9/16	XDLR18A	1-1/32	13/16	11/32	13/32	13-1/4	•
5/8	XDLR20A	1-1/8	57/64	3/8	7/16	14-1/4	
11/16	XDLR22A	1-7/32	15/16	13/32	7/16	14-49/64	
3/4	XDLR24A	1-9/32	1-3/64	7/16	31/64	15-51/64	•

Sets include storage bag.



XDRE707

TORX® Ratcheting Box

Set Contains:
XDRE707

#	Stock No.	A	B	C	D	E	
E6	XDRE06	5/8	5/16	1/4	11/64	4-1/2	•
E7	XDRE07	5/8	5/16	1/4	13/64	4-7/8	•
E8	XDRE08	5/8	3/8	1/4	7/32	5-5/16	•
E10	XDRE10	21/32	7/16	1/4	1/4	5-25/32	•
E12	XDRE12	3/4	17/32	9/32	5/16	6-23/32	•
E14	XDRE14	27/32	5/8	31/32	11/32	7-3/16	•
E16	XDRE16	15/16	23/32	5/16	11/32	7-13/16	•
E18	XDRE18	1-1/32	13/16	5/16	13/32	8-5/8	
E20	XDRE20	1-1/8	7/8	3/8	7/16	9-9/16	
E24	XDRE24	1-9/32	1-1/32	7/16	15/32	11-9/16	

Sets include storage tray

- 180° flexible ratcheting head combined with narrow width and low-height profile of wrench head allows for access into the tightest of spaces
- Yoke/tang combination utilizes well-established Snap-on® flex ratchet design for ultimate strength and durability
- Unique, patented ratcheting gear design is optimized to maximize ratcheting arc, strength, durability and access for the most balanced wrench available

- Nickel-chrome finish helps protect against corrosion and makes it easy to wipe clean
- 80-tooth ratcheting gear utilizes key elements of Snap-on® Dual 80® Technology, minimizing swing arc when working in restricted spaces
- Flank Drive® box-end system grips fastener flats to deliver up to 15–20% more turning power with less risk of fastener damage

Flank Drive® Double Flex Ratcheting Box, mm

mm	12	A	B	C	D	E	12
6, 7	XFRM67	16	16	6.4	6.4	300	
8, 10	XFRM810A	16.9	19.1	9.8	10.4	330	•
9, 11	XFRM911A	18.2	21.1	6.8	7.6	365	
12, 14	XFRM1214	22.7	26.3	8.0	8.3	411	•
13, 15	XFRM1315	24.0	26.3	8.2	8.6	413	•
16, 18	XFRM1618A	28.4	31.8	10.0	10.4	432	•
17, 19	XFRM1719A	30.5	32.4	10.1	10.9	470	•

Set includes storage bag

Set Contains:

XFRM705



XFRM705

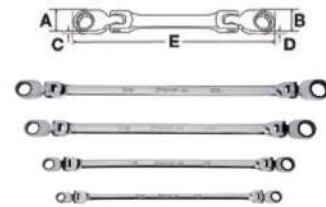
Flank Drive® Double Flex Ratcheting Box, inches

12	A	B	C	D	E	12	
1/4, 11/32	XFR811	5/8	23/32	1/4	9/32	12	
5/16, 3/8	XFR1012	21/32	3/4	1/4	9/32	13	•
7/16, 1/2	XFR1416	27/32	15/16	5/16	11/32	14-5/8	•
9/16, 11/16	XFR1822	1-1/32	1-3/16	11/32	3/8	17	•
5/8, 3/4	XFR2024	1-1/8	1-9/32	13/32	7/16	18-7/16	•

Set includes storage bag

Set Contains:

XFR704



XFR704

REVERSIBLE RATCHETING COMBINATION (Blue-Point®)

Ratcheting Combination/Standard Handle, 15° Offset, mm (Blue-Point®)

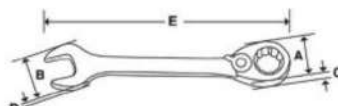
mm	12	A	B	C	D	E	12	12
6	BOERM6	16.3	16.3	6.6	3.6	114.3		
6	BOERM7	16.5	16.4	6.6	3.9	125		
8	BOERM8	17.8	17.7	6.5	4.0	135	•	
9	BOERM9	19.5	20.0	7.4	4.0	150	•	
10	BOERM10	21.5	21.9	8.0	5.0	160	•	
11	BOERM11	22.0	23.9	8.5	5.5	170	•	
12	BOERM12	23.5	25.0	9.0	5.5	175	•	
13	BOERM13	25.0	25.9	10.0	6.3	180	•	
14	BOERM14	27.0	29.9	10.0	6.5	190	•	
15	BOERM15	28.5	31.1	11.0	7.0	200	•	
16	BOERM16	30.5	33.6	11.0	7.0	210	•	
17	BOERM17	32.0	36.5	12.0	7.0	230	•	
18	BOERM18	34.5	38.5	12.0	8.0	240	•	
19	BOERM19	36.5	38.7	12.9	8.7	250	•	
21	BOERM21	39.4	43.2	13.7	9.4	266.7		•
22	BOERM22	41.7	45.7	14.5	9.4	285.8		•
24	BOERM24	46.5	49.5	15.5	11.2	304.8		•
25	BOERM25	47.2	52.8	15.5	11.2	327.2		•

Sets include storage tray

ASME® B107.100

Set Contains:

BOERM712
BOERM704



BOERM712



- Frequently inspect, clean and lubricate ratchet mechanism with light oil.
- Read Safety Precautions on pages W1–W4

REVERSIBLE RATCHETING COMBINATION (Blue-Point®)

WRENCHES



BOER708

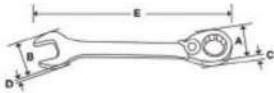
Ratcheting Combination/Standard Handle, 15° Offset, inches (Blue-Point®)

Set Contains: **BOER708** **BOER704**

		A	B	C	D	E		
7/32	BOER7	5/8	21/32	1/4	5/32	4-1/2		
1/4	BOER8	21/32	21/32	1/4	5/32	4-1/2		
5/16	BOER10	11/16	11/16	1/4	5/32	5-5/16	•	
11/32	BOER11	25/32	25/32	9/32	5/32	5-15/16		
3/8	BOER12	27/32	7/8	5/16	3/16	6-5/16	•	
7/16	BOER14	7/8	15/16	11/32	7/32	6-11/16	•	
1/2	BOER16	31/32	1-1/32	13/32	1/4	7-1/16	•	
9/16	BOER18	1-1/16	1-3/16	13/32	1/4	7-1/2	•	
5/8	BOER20	1-3/16	1-5/16	7/16	9/32	8-1/4	•	
11/16	BOER22	1-1/4	1-7/16	15/32	9/32	9-1/16	•	
3/4	BOER24	1-7/16	1-17/32	1/2	11/32	9-13/16	•	
13/16	BOER26	1-9/16	1-23/32	17/32	3/8	10-1/2		•
7/8	BOER28	1-21/32	1-27/32	9/16	3/8	11-1/4		•
15/16	BOER30	1-27/32	1-31/32	5/8	7/16	12		•
1	BOER32	1-7/8	2-3/32	5/8	7/16	12-7/8		•

Sets include storage tray

ASME® B107.100



BOERMS712

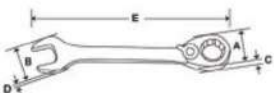
Ratcheting Combination/Short Handle, 15° Offset, mm (Blue-Point®)

Set Contains: **BOERMS712**

		A	B	C	D	E	
8	BOERMS8	17.8	17.7	6.5	4.0	90	•
9	BOERMS9	19.5	20.0	7.4	4.0	95	•
10	BOERMS10	21.5	21.9	8.0	5.0	100	•
11	BOERMS11	22.0	23.9	8.5	5.5	105	•
12	BOERMS12	23.5	25.0	9.0	5.5	110	•
13	BOERMS13	25.0	25.9	10.0	6.3	115	•
14	BOERMS14	27.0	29.9	10.0	6.5	120	•
15	BOERMS15	28.5	31.1	11.0	7.0	125	•
16	BOERMS16	30.5	33.6	11.0	7.0	128	•
17	BOERMS17	32.0	36.5	12.0	7.0	132	•
18	BOERMS18	34.5	38.5	12.0	8.0	138	•
19	BOERMS19	36.5	38.7	12.9	8.7	142	•

Sets include storage tray

ASME® B107.100



BOERS708

Ratcheting Combination/Short Handle, 15° Offset, inches (Blue-Point®)

Set Contains: **BOERS708**

		A	B	C	D	E	
5/16	BOERS10	11/16	11/16	1/4	5/32	3-9/16	•
3/8	BOERS12	27/32	7/8	5/16	3/16	3-15/16	•
7/16	BOERS14	7/8	15/16	11/32	7/32	4-1/8	•
1/2	BOERS16	31/32	1-1/32	13/32	1/4	4-1/2	•
9/16	BOERS18	1-1/16	1-3/16	13/32	1/4	4-3/4	•
5/8	BOERS20	1-3/16	1-5/16	7/16	9/32	5-1/16	•
11/16	BOERS22	1-1/4	1-7/16	15/32	9/32	5-3/16	•
3/4	BOERS24	1-7/16	1-17/32	1/2	11/32	5-9/16	•

Sets include storage tray

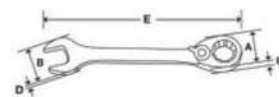
ASME® B107.100

Flex Head Ratcheting Combination/Standard Handle, 15° Offset, mm (Blue-Point®)

- Flex head pivots 90° in either direction to reach hard-to-get fasteners
- Reversible dual pawl ratcheting box end yields smooth operation and maximum strength
- 4.5° (5° for smaller wrenches) tooth engagement; less movement to engage the next tooth
- Tough, durable nickel-chrome finish

mm	12	A	B	C	D	E	12
8	BOERMF8A	17.8	17.7	6.5	4.0	142	•
9	BOERMF9A	19.5	20.0	7.4	4.0	152	•
10	BOERMF10A	21.5	21.9	8.0	5.0	162	•
11	BOERMF11A	22.0	23.9	8.5	5.5	172	•
12	BOERMF12A	23.5	25.0	9.0	5.5	180	•
13	BOERMF13A	25.0	25.9	10.0	6.3	188	•
14	BOERMF14A	27.0	29.9	10.0	6.5	196	•
15	BOERMF15A	28.5	31.1	11.0	7.0	204	•
16	BOERMF16A	30.5	33.6	11.0	7.0	214	•
17	BOERMF17A	32.0	36.5	12.0	7.0	228	•
18	BOERMF18A	34.5	38.5	12.0	8.0	242	•
19	BOERMF19A	36.5	38.7	12.9	8.7	256	•

Set Contains:



BOERMF12A

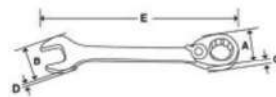
Sets include storage tray

ASME® B107.100

Flex Head Ratcheting Combination/Standard Handle, 15° Offset, inches (Blue-Point®)

in	12	A	B	C	D	E	12
5/16	BOERF10A	11/16	11/16	1/4	5/32	5-19/32	•
3/8	BOERF12A	27/32	7/8	5/16	3/16	6-3/8	•
7/16	BOERF14A	7/8	15/16	11/32	7/32	6-3/4	•
1/2	BOERF16A	31/32	1-1/32	13/32	1/4	7-13/32	•
9/16	BOERF18A	1-1/16	1-3/16	13/32	1/4	7-23/32	•
5/8	BOERF20A	1-3/16	1-5/16	7/16	9/32	8-7/16	•
11/16	BOERF22A	1-1/4	1-7/16	15/32	9/32	8-31/32	•
3/4	BOERF24A	1-7/16	1-17/32	1/2	11/32	10-1/16	•

Set Contains:



BOERF708A

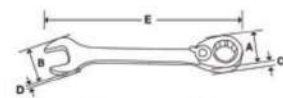
Sets include storage tray

ASME® B107.100

Flex Head Ratcheting Combination/Midget Handle, 15° Offset, mm (Blue-Point®)

mm	12	A	B	C	D	E	12
8	BOERMSF8	17.8	17.7	6.5	4.0	94	•
9	BOERMSF9	19.5	20.0	7.4	4.0	98	•
10	BOERMSF10	21.5	21.9	8	5	103	•
11	BOERMSF11	22	23.9	8.5	5.5	108	•
12	BOERMSF12	23.5	25	9	5.5	111	•
13	BOERMSF13	25	25.9	10	6.3	115	•
14	BOERMSF14	27	29.9	10	6.5	120	•
15	BOERMSF15	28.5	31.1	11	7	124	•
16	BOERMSF16	30.5	33.6	11	7	128	•
17	BOERMSF17	32	36.5	12	7	133	•
18	BOERMSF18	34.5	38.5	12	8	140	•
19	BOERMSF19	36.5	38.7	12.9	8.7	147	•

Set Contains:



BOERMSF712

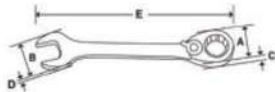
Sets include storage bag.

ASME® B107.100



- Frequently inspect, clean and lubricate ratchet mechanism with light oil.
- Read Safety Precautions on pages W1-W4

REVERSIBLE RATCHETING COMBINATION (Blue-Point®)



BOERSF708

Flex Head Ratcheting Combination/Midget Handle, 15° Offset, inches (Blue-Point®)

Set Contains:
BOERSF708

	12	A	B	C	D	E	12
5/16	BOERSF10	11/16	11/16	1/4	5/32	3-11/16	•
3/8	BOERSF12	27/32	7/8	5/16	3/16	4-1/16	•
7/16	BOERSF14	7/8	15/16	11/32	7/32	4-1/4	•
1/2	BOERSF16	31/32	1-1/32	13/32	1/4	4-17/32	•
9/16	BOERSF18	1-1/16	1-3/16	13/32	1/4	4-23/32	•
5/8	BOERSF20	1-3/16	1-5/16	7/16	9/32	5-1/32	•
11/16	BOERSF22	1-1/4	1-7/16	15/32	9/32	5-1/4	•
3/4	BOERSF24	1-7/16	1-17/32	1/2	11/32	5-25/32	•

Sets include storage bag.

ASME® B107.100

RATCHETING WRENCH ADAPTORS



RWA2

Ratcheting Wrench Adaptors

- Converts a ratcheting wrench into a ratchet
- Used with reversible ratcheting box wrenches, such as the SOXRR, SOXRRM, BOERM, BOERMF and BOERMS Series
- Can be used with the combination ratcheting box wrenches such as the SOXR, SOXRM, OXR, OXRM, OXKR, and OXKRM series
- Reverse lever on wrench is used to secure or remove adaptor from the wrench
- Push button on adaptor is used to release the socket

Stock No.	Configuration	Use with Ratcheting Wrench Size
RWA1	1/4" Drive	13
RWA2	3/8" Drive	16
RWA3	1/2" Drive	19
RWA4	1/4" Hex	13
RWA1FR	1/4" Drive	1/2
RWA2FR	3/8" Drive	5/8
RWA3FR	1/2" Drive	3/4
RWA4FR	1/4" Hex	1/2

RATCHETING BOX

Standard Handle Spline, inches

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.

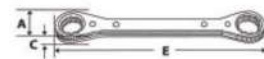


RES2630C

		Stock No.	A	C	E	Gear Teeth
#8-10 (1/4-5/16")	1/4-5/16	RES810C [‡]	19/32-43/64	3/8	4-1/2	14-15
#12-14 (3/8-7/16")	3/8-7/16	RES1214C [‡]	1-1/64-1-5/32	1/2	6-7/8	17-18
#18-20 (9/16-5/8")	9/16-5/8	RES1820C [‡]	1-19/64-1-7/16	1/2	8-1/8	19-21
#26-30 (13/16-15/16")	13/16-15/16	RES2630C [‡]	1-13/32-1-37/64	1/2	9-1/4	21-24

Standard Handle, 0° Offset, mm

mm	6	12	A	C	E
7-8	RBM78SC [‡]	RBM78C [‡]	15.1-17.1	9.5	114.3
8-10	—	RBM810C [‡]	20.2-22.6	9.5	139.7
9-10	—	RBM910C [‡]	20.2-22.6	9.5	139.7
10-11	RBM1011SC [‡]	RBM1011C [‡]	25.8-29.4	12.7	174.6
10-12	—	RBM1012C [‡]	25.8-29.4	12.7	174.6
12-13	RBM1213SC [‡]	RBM1213C [‡]	25.8-29.4	12.7	174.6
12-14	—	RBM1214C [‡]	25.8-29.4	12.7	174.6
14-15	—	RBM1415C [‡]	32.9-36.5	12.7	206.4
16-18	—	RBM1618C [‡]	32.9-36.5	12.7	206.4
17-19	—	RBM1719C [‡]	32.9-36.5	12.7	206.4



RBM1213C

Standard Handle, 0° Offset, inches

mm	6	12	A	C	E	12
1/4-5/16	R810SC [‡]	R810C [‡]	19/32-43/64	3/8	4-1/2	
5/16-11/32	—	R1011C [‡]	5/8-3/4	11/32	5-3/8	
5/16-3/8	—	R1012C [‡]	51/64-57/64	3/8	5-1/2	
3/8-7/16	R1214SC [‡]	R1214C [‡]	51/64-57/64	3/8	5-1/2	•
1/2-9/16	R1618SC [‡]	R1618C [‡]	1-1/64-1-5/32	1/2	6-7/8	•
5/8-11/16	—	R2022C [‡]	1-19/64-1-7/16	1/2	8-1/8	•
5/8-3/4	—	R2024C [‡]	1-19/64-1-7/16	1/2	8-1/8	•
3/4-13/16	—	R2426C [‡]	1-13/32-1-37/64	1/2	9-1/4	
3/4-7/8	—	R2428C [‡]	1-13/32-1-37/64	1/2	9-1/4	•
13/16-15/16	—	R2630C [‡]	1-13/32-1-37/64	1/2	9-1/4	
7/8-15/16	—	R2830C [‡]	1-29/32-2-17/64	9/16	15	
15/16-1	—	R3032C [‡]	1-29/32-2-17/64	9/16	15	
1-1/16-1-1/8	—	R3436A [‡]	2-2	9/16	12-3/4	
1-1/8-1-1/4	R3640SA [‡]	—	2-3/32-2-3/32	9/16	12-13/16	
1-3/16-1-1/4	—	R3840A [‡]	2-2	9/16	12-3/4	

Set Contains: RB604C



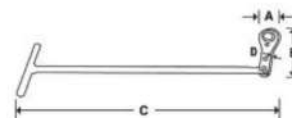
RB604C

Sets include storage tray

T-Handle, mm

mm	12	A	B	C	D	12	12
8	RTBM8 [‡]	17.5	71.4	307.2	9.5	•	
10	RTBM10 [‡]	23.0	76.2	307.2	9.5	•	
12	RTBM12 [‡]	29.4	86.5	308.8	12.7	•	
13	RTBM13 [‡]	29.4	86.5	308.8	12.7	•	
14	RTBM14 [‡]	29.4	86.5	308.8	12.7	•	
15	RTBM15 [‡]	36.8	98.6	308.8	12.7		•
16	RTBM16 [‡]	36.8	98.6	308.8	12.7		•
17	RTBM17 [‡]	36.8	98.6	308.8	12.7		•
18	RTBM18 [‡]	36.8	98.6	308.8	12.7		•
19	RTBM19 [‡]	36.8	98.6	308.8	12.7		•

Set Contains: RTBM605[‡] RTBM505[‡]



RTBM605

Sets include storage tray

T-Handle, inches

mm	12	A	B	C	D	12
1/4	RTB8 [‡]	11/16	2-13/16	12-3/32	3/8	•
5/16	RTB10 [‡]	11/16	2-13/16	12-3/32	3/8	•
11/32	RTB11 [‡]	29/32	3	12-3/32	3/8	•
3/8	RTB12 [‡]	29/32	3	12-3/32	3/8	•
7/16	RTB14 [‡]	29/32	3	12-3/32	3/8	•
1/2	RTB16 [‡]	1-5/32	3-13/32	12-5/32	1/2	•
9/16	RTB18 [‡]	1-5/32	3-13/32	12-5/32	1/2	•

Set Contains: RTB607[‡]



RTB607

Sets include storage tray



• Frequently inspect, clean and lubricate ratchet mechanism with light oil.
 ‡ These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1-P2 for details.
 • Read Safety Precautions on pages W1-W4

RATCHETING BOX (Blue Point®)



Reversible/Standard Handle, 25° Offset, mm (Blue-Point®)

Set Contains:

BXORM706

mm	12	A	C	E	12
8-9	BXORM89	18.0-19.3	6.4-7.6	184.2	•
10-11	BXORM1011	21.8-22.1	8.1-8.6	203.2	•
12-13	BXORM1213	23.6-24.6	8.9-10.2	222.3	•
14-15	BXORM1415	27.2-28.7	10.2-10.9	241.3	•
16-17	BXORM1617	31.0-32.0	10.9-11.9	260.4	•
18-19	BXORM1819	34.5-36.8	12.2-13.2	279.4	•

Set includes storage tray



Reversible/Standard Handle, 25° Offset, inches (Blue-Point®)

Set Contains:

BXOR704

11	12	A	C	E	12
5/16-3/8	BXOR1012	23/32-7/8	1/4-5/16	7-1/2	•
7/16-1/2	BXOR1416	7/8-31/32	11/32-11/32	8-3/4	•
9/16-5/8	BXOR1820	1-1/16-1-7/32	13/32-7/16	9-3/4	•
11/16-3/4	BXOR2224	1-9/32-1-7/16	15/32-1/2	11	•

Set includes storage tray



Standard Handle, 25° Offset, mm (Blue-Point®)

Set Contains:

RBYAM605

mm	12	A	C	E	12
7-8	RYAM78[†]	15.5-16.3	9.5	105.2	•
9-10	RYAM910[†]	19.8-22.6	9.5	134.5	•
11-12	RYAM1112[†]	25.4-29	12.7	165.9	•
13-14	RYAM1314[†]	25.4-29	12.7	165.9	•
15-17	RYAM1517[†]	33-36.5	12.7	197.2	•
16-18	RYAM1618[†]	33-36.5	12.7	197.2	•
19-21	RYAM1921[†]	35.7-40.1	12.7	224.2	•

Set includes storage tray



Reversible/Standard Handle, 25° Offset, inches (Blue-Point®)

Set Contains:

RBYA605

11	12	A	C	E	12
1/4-5/16	RYA810[†]	9/16-5/8	11/32	4-9/32	•
5/16-11/32	RYA1011[†]	19/32-11/16	3/8	4-1/32	•
3/8-7/16	RYA1214[†]	3/4-7/8	11/32	6-5/32	•
1/2-9/16	RYA1618[†]	15/16-1	13/32	6-31/32	•
9/16-3/4	RYA1824[†]	1-9/32-1-7/16	1/2	8	•
5/8-11/16	RYA2022[†]	1-1/8-1-1/4	13/32	7-27/32	•
3/4-7/8	RYA2428[†]	1-3/8-1-1/2	7/16	8-5/8	•

Set includes storage tray

Latch-on® Head, 0° Offset, mm (Blue-Point®)

Set Contains: **RBZM605**

mm	12	A	C	E	12
7-8	RBZM78[†]	15.1-17.1	9.5	114.3	•
9-10	RBZM910[†]	20.4-22.6	9.5	140.3	•
11-12	RBZM1112[†]	25.8-29.4	12.7	174.6	•
13-14	RBZM1314[†]	25.8-29.4	12.7	174.6	•
15-17	RBZM1517[†]	32.9-36.5	12.7	206.4	•
16-18	RBZM1618[†]	32.9-36.5	12.7	206.4	•
19-21	RBZM1921[†]	35.7-40.1	12.7	234.9	

Sets include storage tray



RBZM605

Latch-on® Head, 0° Offset, inches (Blue-Point®)

Set Contains: **RBZ605**

in	12	A	C	E	12
1/4-5/16	RBZ810[†]	19/32-11/16	3/8	4-1/2	•
3/8-7/16	RBZ1214[†]	13/16-29/32	3/8	5-1/2	•
1/2-9/16	RBZ1618[†]	1-1/32-1-5/32	1/2	6-7/8	•
5/8-11/16	RBZ2022[†]	1-5/16-1-7/16	1/2	8-1/8	•
3/4-7/8	RBZ2428[†]	1-13/32-1-19/32	1/2	9-1/4	•

Sets include storage tray



RBZ605

LOCKING FLEX-HEAD REVERSIBLE RATCHETING BOX (Blue Point®)

Locking Flex Head Ratcheting Box/Cushion Grip, mm (Blue-Point®)

Set Contains: **BOERMFLCG712**

mm	12	A	B	C	D	12
8	BOERMFLCG8	17.8	6.55	32	228	•
9	BOERMFLCG9	19.5	7.45	34	229	•
10	BOERMFLCG10	21.5	8.05	38	233	•
11	BOERMFLCG11	22	8.55	40	235	•
12	BOERMFLCG12	23.5	9.05	42	285	•
13	BOERMFLCG13	25	10.05	45	287	•
14	BOERMFLCG14	27	10.05	48	289	•
15	BOERMFLCG15	28.5	11.05	52	293	•
16	BOERMFLCG16	30.5	11.05	54	347	•
17	BOERMFLCG17	32	12.05	56	348	•
18	BOERMFLCG18	34.5	12.05	60	352	•
19	BOERMFLCG19	36.5	12.95	64	354	•

Set includes storage bag

ASME® B107.100



BOERMFLCG712

Locking Flex Head Ratcheting Box/Cushion Grip, inches (Blue-Point®)

Set Contains: **BOERFLCG708**

in	12	A	B	C	D	12
5/16	BOERFLCG10	23/32	1/4	1-1/4	9	•
3/8	BOERFLCG12	27/32	5/16	1-1/2	9-1/4	•
7/16	BOERFLCG14	7/8	11/32	1-9/16	9-19/32	•
1/2	BOERFLCG16	31/32	13/32	1-25/32	11-9/32	•
9/16	BOERFLCG18	1-1/16	13/32	1-29/32	11-3/8	•
5/8	BOERFLCG20	1-7/32	7/16	2-1/8	13-21/32	•
11/16	BOERFLCG22	1-1/4	15/32	2-7/32	13-23/32	•
3/4	BOERFLCG24	1-7/16	1/2	2-17/32	13-15/16	•

Set includes storage bag

ASME® B107.100



BOERFLCG708



- Frequently inspect, clean and lubricate ratchet mechanism with light oil.
- † These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1-P2 for details.
- Read Safety Precautions on pages W1-W4

FLANK DRIVE® PLUS COMBINATION



SOEXM710



SOEXM02FMBR

Standard Handle, mm

Snap-on® Flank Drive® Plus combination wrenches exceed the limits of any other open-end design. The open end features a series of flutes or notches that grip a fastener away from its corners, much like our box ends do. Force is directed away from the weaker corners of the nut and directed to the stronger flats.

- **FLANK DRIVE® PLUS WRENCHING SYSTEM:** Provides flat-to-flat contact with fasteners; prevents slipping and rounding of fasteners; up to 62% more turning power and strength
- **LEVERAGE:** Longer length is sized for optimum comfort and balance; increased leverage, comfort and balance
- **ACCESSIBLE:** Handle is offset 15° from the box end for maximum knuckle clearance and increased access in any space
- **VERSATILE:** 7.5° rotation away from handle; wrench can be flipped for a better grip in tight spaces

- **POWERFUL:** Continuous arc design; distributes stress evenly, wrench end will not spread or widen
- **STRONG:** Manufactured from special alloy steel; precision-forged, cold formed and heat treated; nickel-chrome plating; optimum corrosion protection, strength and durability
- **FLANK DRIVE® WRENCHING SYSTEM:** Provides flat-to-flat contact with fasteners; prevents slipping and rounding of fasteners; providing up to 20% more turning power and strength

mm	12	Set Contains:					12	12	12	12	12
		SOEXM710*	SOEXM707*	SOEXM705**	SOEXM01FMBR^	SOEXM02FMBR^					
	SOEXM7	11	15	5	4	135				•	
8	SOEXM8	13	17	6	4	146				•	
9	SOEXM9	14	19	6	5	159				•	
10	SOEXM10	15	21	7	5	171	•	•		•	
11	SOEXM11	17	23	8	6	184	•	•		•	
12	SOEXM12	18	25	8	6	195	•	•		•	
13	SOEXM13	20	27	9	6	207	•	•		•	
14	SOEXM14	21	29	9	7	219	•	•		•	
15	SOEXM15	22	31	10	7	231	•	•		•	
16	SOEXM16	24	33	10	7	242	•	•		•	
17	SOEXM17	25	35	11	8	255	•	•		•	
18	SOEXM18	27	37	12	8	267	•	•		•	
19	SOEXM19	28	39	12	9	279	•	•		•	
20	SOEXM20	30	41	13	9	292			•		•
21	SOEXM21	31	43	13	9	304			•		•
22	SOEXM22	33	46	14	10	318			•		•
23	SOEXM23	34	47	14	10	327			•		•
24	SOEXM24	35	49	15	11	337			•		•
25	SOEXM25	37	52	16	11	356			•		•

*Sets include storage tray
**Sets include storage bag

^Sets include foam organizer
ASME® B107.100



FLANK DRIVE® PLUS COMBINATION

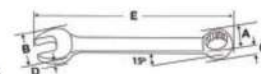
WRENCHES



SOEXM710



SOEX01FMBR



Standard Handle, inches

Selection, convenience and quality. Flank Drive® Plus combination wrenches are available in many different styles and sizes. Just like all Snap-on® wrenches, they are sized for optimum comfort and balance in the user's hand. Tough, durable nickel-chrome plating produces a mirror-like finish that helps protect against corrosion and makes it easy to wipe clean.

12	A	B	C	D	E	Set Contains:						
						SOEX710*	SOEX707*	SOEX703K1**	SOEX704**	SOEX01FMBR^	SOEX02FMBR^	
1/4	SOEX8	13/32	17/32	3/16	5/32	5						
5/16	SOEX10	1/2	21/32	7/32	5/32	5-3/4	•					•
11/32	SOEX11	17/32	23/32	1/4	3/16	6-1/8						•
3/8	SOEX12	19/32	25/32	1/4	3/16	6-1/2	•	•				•
7/16	SOEX14	21/32	29/32	9/32	7/32	7-1/4	•	•				•
1/2	SOEX16	3/4	1-1/16	11/32	1/4	8	•	•				•
9/16	SOEX18	27/32	1-5/32	3/8	9/32	8-3/4	•	•				•
5/8	SOEX20	15/16	1-5/16	13/32	9/32	9-1/2	•	•				•
11/16	SOEX22	1-1/32	1-13/32	7/16	5/16	10-1/4	•	•				•
3/4	SOEX24	1-1/8	1-9/16	15/32	11/32	11	•	•				•
13/16	SOEX26	1-3/16	1-21/32	17/32	3/8	11-3/4	•					•
7/8	SOEX28	1-9/32	1-13/16	9/16	3/8	12-1/2	•					•
15/16	SOEX30	1-3/8	1-29/32	19/32	13/32	13-1/4				•	•	
1	SOEX32	1-15/32	2-1/32	5/8	7/16	14				•		•
1-1/16	SOEX34	1-9/16	2-5/32	19/32	15/32	14-3/4				•		•
1-1/8	SOEX36	1-5/8	2-5/16	11/16	15/32	15-17/32				•		•
1-3/16	SOEX38	1-23/32	2-13/32	23/32	1/2	16-1/4			•			•
1-1/4	SOEX40	1-13/16	2-9/16	3/4	17/32	17			•			•
1-5/16	SOEX42	1-29/32	2-21/32	3/4	9/16	17-25/32			•			•

*Sets include storage tray
**Sets include storage bag

^Sets include foam organizer
ASME® B107.100

Standard Handle, Metric and SAE Master Foam Set

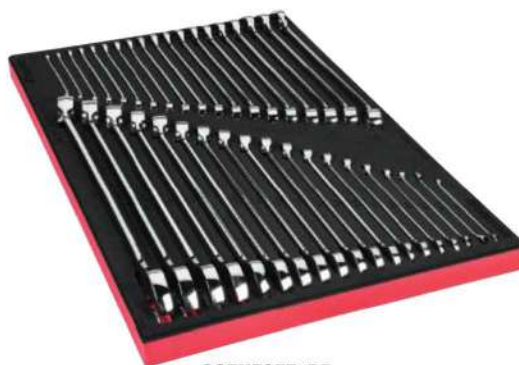
Stock No.	Description
SOEXFSET1BR	38 pc 12-Point Flank Drive® Plus Combination Wrench Master Foam Set

Sets shown include foam organizer.

Colors Available



ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.



SOEXFSET1BR



- Do not use "cheater bars" on handles.
- Pull, do not push on handles.
- Read Safety Precautions on pages W1-W4

FLANK DRIVE® PLUS COMBINATION

WRENCHES



SOEXLM710B

Long Handle, mm

Set Contains: **SOEXLM710B**

mm	12	A	B	C	D	E	12
10	SOEXLM10B	15	21	7	5	186	•
11	SOEXLM11B	17	23	8	6	204	•
12	SOEXLM12B	18	25	8	6	218	•
13	SOEXLM13B	20	27	9	6	234	•
14	SOEXLM14B	21	29	9	7	250	•
15	SOEXLM15B	22	31	10	7	266	•
16	SOEXLM16B	24	33	10	7	280	•
17	SOEXLM17B	25	35	11	8	298	•
18	SOEXLM18B	27	37	12	8	314	•
19	SOEXLM19B	28	39	12	9	331	•

Set includes storage tray



SOEXL707B

Long Handle, inches

Set Contains: **SOEXL707B**

in	12	A	B	C	D	E	12
3/8	SOEXL12B	19/32	25/32	1/4	3/16	7	•
7/16	SOEXL14B	21/32	29/32	9/32	7/32	8	•
1/2	SOEXL16B	3/4	1-1/16	11/32	1/4	9	•
9/16	SOEXL18B	27/32	1-5/32	3/8	9/32	10	•
5/8	SOEXL20B	15/16	1-5/16	13/32	9/32	11	•
11/16	SOEXL22B	1-1/32	1-13/32	7/16	5/16	12	•
3/4	SOEXL24B	1-1/8	1-9/16	15/32	11/32	13	•
13/16	SOEXL26B	1-3/16	1-21/32	17/32	3/8	14	•
7/8	SOEXL28B	1-9/32	1-13/16	9/16	3/8	15	•
15/16	SOEXL30B	1-3/8	1-29/32	19/32	13/32	16	•
1	SOEXL32B	1-15/32	2-1/32	5/8	7/16	17	•

Set includes storage tray



SOEXM150

Short Handle, mm

mm	12	A	B	C	D	E
10	SOEXM100	15	21	7	5	133
11	SOEXM110	17	23	8	6	138
12	SOEXM120	18	25	8	6	143
13	SOEXM130	20	27	9	6	148
14	SOEXM140	21	29	9	7	152
15	SOEXM150	22	31	10	7	157
17	SOEXM170	25	35	11	8	167