



**OSHM713**



**OSHM707B**



**OEXM713B**



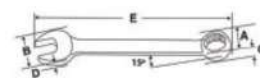
**OEXM710B**



**OEXM707B**



**OEXM706**



## Standard Handle, mm

mm	Set Contains:		Set Contains:															
	6	12	A	B	C	D	E	6	6	12	12	12	12	12	12	12	12	
7	OSHM70B	—	11	15	5	4	135	•										
8	OSHM80B	OEXM80B	13	17	6	4	146	•		•	•							
9	OSHM90B	OEXM90B	14	19	6	5	159	•		•	•							
10	OSHM100B	OEXM100B	15	21	7	5	171	•	•	•	•	•	•	•	•			
11	OSHM110B	OEXM110B	17	23	8	6	184	•	•	•	•	•	•	•	•			
12	OSHM120B	OEXM120B	18	25	8	6	195	•	•	•	•	•	•	•	•			
13	OSHM130B	OEXM130B	20	27	9	6	207	•	•	•	•	•	•	•	•			
14	OSHM140B	OEXM140B	21	29	9	7	219	•	•	•	•	•	•	•	•			
15	OSHM150B	OEXM150B	22	31	10	7	231	•	•	•	•	•	•	•	•			
16	OSHM160B	OEXM160B	24	33	10	7	242	•		•	•	•	•	•				
17	OSHM170B	OEXM170B	25	35	11	8	255	•	•	•	•	•	•	•	•			
18	OSHM180B	OEXM180B	27	37	12	8	267	•		•	•	•	•	•				
19	OSHM190B	OEXM190B	28	39	12	9	279	•		•	•	•	•	•				
20	—	OEXM200B	30	41	13	9	292			•	•	•	•				•	
21	—	OEXM210B	31	43	13	9	304			•	•	•	•				•	
22	—	OEXM220B	33	46	14	10	318			•	•	•					•	
23	—	OEXM230B	34	47	14	10	327			•	•						•	
24	—	OEXM240B	35	49	15	11	337			•	•						•	
25	—	OEXM250B	37	52	16	11	356			•	•							•
26	—	OEXM260B	38	53	16	11	363			•	•							•
27	—	OEXM270B	39	55	17	12	375			•	•							•
28	—	OEXM280B	40	56	17	12	375											•
29	—	OEXM290B	42	58	18	12	394			•	•							•
30	—	OEXM300B	44	61	19	13	413			•	•							•
32	—	OEXM320B	46	65	19	14	432			•	•							
34	—	OEXM340B	48	68	19	14	452			•								
36	—	OEXM360B	53	74	22	15	489			•								

\*Sets include storage tray  
\*\*Sets include storage bag

ASME®/ANSI® B107.100



• Read Safety Precautions on pages W1-W4

# FLANK DRIVE® COMBINATION

WRENCHES



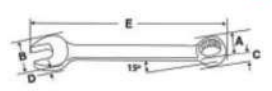
OSH711B



OEX707B



OEX704B



## Standard Handle, inches

mm	6	12	A	B	C	D	E	Set Contains:															
								OSH711B*	OEX707B*	OEX724KB**	OEX714KB**	OEX710*	OEX709B*	OEX707B*	OEX703K1**	OEX703K2**	OEX704B**	OEX711B*					
1/4	—	OEX8B	13/32	17/32	3/16	5/32	5																
5/16	OSH10B	OEX10B	1/2	21/32	7/32	5/32	5-3/4																
11/32	OSH11B	OEX11B	17/32	3/4	1/4	3/16	6-1/8																
3/8	OSH12B	OEX12B	19/32	25/32	5/16	3/16	6-1/2																
7/16	OSH14B	OEX14B	21/32	29/32	5/16	7/32	7-1/4																
1/2	OSH16B	OEX16B	3/4	1-1/16	11/32	1/4	8																
9/16	OSH18B	OEX18B	27/32	1-3/16	3/8	9/32	8-3/4																
5/8	OSH20B	OEX20B	15/16	1-5/16	13/32	9/32	9-1/2																
11/16	OSH22B	OEX22B	1-1/32	1-13/32	7/16	5/16	10-1/4																
3/4	OSH24B	OEX24B	1-1/8	1-9/16	15/32	11/32	11																
13/16	OSH26B	OEX26B	1-3/16	1-21/32	17/32	3/8	11-3/4																
7/8	OSH28B	OEX28B	1-9/32	1-13/16	9/16	3/8	12-1/2																
15/16	OSH30B	OEX30B	1-3/8	1-29/32	19/32	13/32	13-1/4																
1	OSH32B	OEX32B	1-15/32	2-1/32	21/32	7/16	14																
1-1/16	—	OEX34B	1-9/16	2-3/16	11/16	15/32	14-3/4																
1-1/8	—	OEX36B	1-5/8	2-5/16	11/16	17/32	15-7/16																
1-3/16	—	OEX38B	1-3/4	2-7/16	3/4	1/2	16-5/16																
1-1/4	—	OEX40B	1-13/16	2-9/16	3/4	17/32	17-1/16																
1-5/16	—	OEX42B	1-29/32	2-21/32	3/4	9/16	17-13/16																
1-3/8	—	OEX44B	2	2-13/16	3/4	19/32	18-9/16																
1-7/16	—	OEX46B	2-1/16	2-29/32	7/8	19/32	19-1/32																
1-1/2	—	OEX48B	2-5/32	3-1/16	7/8	5/8	20-1/16																
1-9/16	—	OEX50B	2-1/4	3-3/16	7/8	23/32	20-13/16																
1-5/8	—	OEX52B	2-11/32	3-11/32	7/8	11/16	21-9/16																
1-11/16	—	OEX54A	2-7/16	3-13/32	7/8	23/32	22-9/32																
1-3/4	—	OEX56A	2-17/32	3-9/16	1-1/32	23/32	22-7/8																
1-13/16	—	OEX58A	2-5/8	3-21/32	1-1/32	3/4	23-15/32																
1-7/8	—	OEX60A	2-11/32	3-13/16	1-1/32	25/32	24-1/32																
2	—	OEX64A	2-7/8	4-1/16	1-1/32	27/32	25-1/4																

\*Sets include storage tray  
\*\*Sets include storage bag

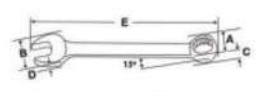
ASME®/ANSI® B107.100  
X32B–OEX52B are full polished chrome. OEX54A–OEX64A are satin finish chrome.

## Standard Handle, mm, Industrial

mm	12	A	B	C	D	E	Set Contains:	
							GOEXM715	12
10	GOEXM100B	15	21	7	5	171	•	
11	GOEXM110B	17	23	8	6	184	•	
12	GOEXM120B	18	25	8	6	195	•	
13	GOEXM130B	20	27	9	6	207	•	
14	GOEXM140B	21	29	9	7	219	•	
15	GOEXM150B	22	31	10	7	231	•	
16	GOEXM160B	24	33	10	7	242	•	
17	GOEXM170B	25	35	11	8	255	•	



GOEXM715



mm	12	A	B	C	D	E	Set Contains:	
							GOEXM715	12
18	GOEXM180B	27	37	12	8	267	•	
19	GOEXM190B	28	39	12	9	279	•	
20	GOEXM200B	30	41	13	9	292	•	
21	GOEXM210B	31	43	13	10	304	•	
22	GOEXM220B	33	46	14	10	318	•	
23	GOEXM230B	34	47	14	10	327	•	
24	GOEXM240B	35	49	15	11	337	•	
27	GOEXM270B	39	55	17	12	375	•	

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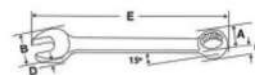




GOEX722K



GOEX711B



GOEX56A



GOEX1100A

## Standard Handle, inches, Industrial

		Set Contains:								
		GOEX722K**	GOEX714KB**	GOEX711B*	GOEX707B*					
		A	B	C	D	E				
5/16	GOEX10B	1/2	21/32	7/32	5/32	5-3/4	•			
3/8	GOEX12B	19/32	13/16	5/16	3/16	6-1/2	•	•	•	•
7/16	GOEX14B	21/32	29/32	5/16	7/32	7-1/4	•	•	•	•
1/2	GOEX16B	3/4	1-1/16	11/32	1/4	8	•	•	•	•
9/16	GOEX18B	27/32	1-3/16	3/8	9/32	8-3/4	•	•	•	•
5/8	GOEX20B	15/16	1-5/16	13/32	9/32	9-1/2	•	•	•	•
11/16	GOEX22B	1-1/32	1-13/32	7/16	5/16	10-1/4	•	•	•	•
3/4	GOEX24B	1-1/8	1-9/16	15/32	11/32	11	•	•	•	•
13/16	GOEX26B	1-3/16	1-21/32	17/32	3/8	11-3/4	•	•	•	
7/8	GOEX28B	1-9/32	1-13/16	9/16	3/8	12-1/2	•	•	•	
15/16	GOEX30B	1-3/8	1-29/32	19/32	13/32	13-1/4	•	•	•	
1	GOEX32B	1-15/32	2-1/32	21/32	7/16	14	•	•	•	
1-1/16	GOEX34B	1-9/16	2-3/16	11/16	15/32	14-3/4	•	•		
1-1/8	GOEX36B	1-5/8	2-5/16	11/16	17/32	15-7/16	•	•		
1-3/16	GOEX38B	1-3/4	2-7/16	3/4	1/2	16-5/16	•			
1-1/4	GOEX40B	1-13/16	2-9/16	3/4	17/32	17-1/16	•	•		
1-5/16	GOEX42B	1-29/32	2-21/32	3/4	9/16	17-13/16	•			
1-3/8	GOEX44B	2	2-13/16	3/4	19/32	18-9/16	•			
1-7/16	GOEX46B	2-1/16	2-29/32	7/8	19/32	19-1/32	•			
1-1/2	GOEX48B	2-5/32	3-1/16	7/8	5/8	20-1/16	•			
1-9/16	GOEX50B	2-1/4	3-3/16	7/8	23/32	20-13/16	•			
1-5/8	GOEX52B	2-11/32	3-11/32	7/8	11/16	21-9/16	•			
1-3/4	GOEX56A	2-17/32	3-9/16	1-1/32	23/32	22-7/8				
1-13/16	GOEX58A	2-5/8	3-21/32	1-1/32	3/4	23-15/32				
1-7/8	GOEX60A	2-11/32	3-13/16	1-1/32	25/32	24-1/32				
2	GOEX64A	2-7/8	4-1/16	1-1/32	27/32	25-1/4				
2-1/16	GOEX66A	2-31/32	4-5/32	1-1/8	27/32	25-25/32				
2-1/8	GOEX68A	3-1/16	4-5/16	1-5/32	7/8	26-3/8				
2-3/16	GOEX70A	3-1/8	4-13/32	1-1/8	7/8	26-31/32				
2-1/4	GOEX72A	3-7/32	4-9/16	1-1/8	15/16	27-9/16				
2-3/8	GOEX76A	3-13/32	4-13/16	1-9/32	31/32	28-3/4				
2-1/2	GOEX80A	3-19/32	5-1/16	1-9/32	1	29-29/32				
2-5/8	GOEX84A	4-7/8	6-5/8	1-5/8	1-3/16	32				
2-3/4	GOEX88A	4-7/8	6-5/8	1-5/8	1-3/16	32				
2-7/8	GOEX92A	4-7/8	6-5/8	1-5/8	1-3/16	32				
2-15/16	GOEX94A	4-7/8	6-5/8	1-5/8	1-3/16	32				
3	GOEX96A	4-7/8	6-5/8	1-5/8	1-3/16	32				
3-1/8	GOEX1100A	4-7/8	6-5/8	1-5/8	1-3/16	32				
3-3/8	GOEX1108A	4-7/8	6-5/8	1-5/8	1-3/16	32				
3-1/2	GOEX1112A	4-7/8	6-5/8	1-5/8	1-3/16	32				

\*Sets include storage tray  
\*\*Sets include storage bag

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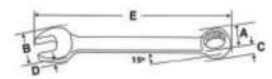
- Do not use "cheater bars" on handles.
- Pull, do not push on handles.
- Read Safety Precautions on pages W1-W4

# FLANK DRIVE® COMBINATION

WRENCHES



OEXLM710B



OEXL707B

## Long Handle, mm

Set Contains:

mm	12	OEXLM710B					OEXLM707B	
		A	B	C	D	E	12	12
10	OEXLM10B	15	21	7	5	186	•	•
11	OEXLM11B	17	23	8	6	203	•	•
12	OEXLM12B	18	25	8	6	218	•	•
13	OEXLM13B	20	27	9	6	234	•	•
14	OEXLM14B	21	29	9	7	250	•	•
15	OEXLM15B	22	31	10	7	266	•	•
16	OEXLM16B	24	33	10	7	282	•	•
17	OEXLM17B	25	35	11	8	298	•	•
18	OEXLM18B	27	37	12	8	314	•	•
19	OEXLM19B	28	39	12	9	330	•	•

Sets include storage tray

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## Long Handle, inches

Set Contains:

in	12	OEXL707B					12
		A	B	C	D	E	
3/8	OEXL12B	19/32	25/32	1/4	3/16	7	•
7/16	OEXL14B	21/32	29/32	5/16	7/32	8	•
1/2	OEXL16B	3/4	1-1/16	11/32	1/4	9	•
9/16	OEXL18B	27/32	1-5/32	3/8	9/32	10	•
5/8	OEXL20B	15/16	1-5/16	13/32	9/32	11	•
11/16	OEXL22B	1-1/32	1-13/32	7/16	5/16	12	•
3/4	OEXL24B	1-1/8	1-9/16	15/32	11/32	13	•
13/16	OEXL26B	1-3/16	1-21/32	17/32	3/8	14	•
7/8	OEXL28B	1-9/32	1-13/16	9/16	3/8	15	•
15/16	OEXL30B	1-3/8	1-29/32	19/32	13/32	16	•
1	OEXL32B	1-15/32	2-1/32	5/8	7/16	17	•

Set includes storage tray

ASME® B107.100



OEXSM710B

## Short Handle, mm

Set Contains:

mm	12	12	OEXSM710B*					OEXSM714K**			OEXSM719KB**		
			A	B	C	D	E	12	12	12			
6	OEXM6B	GOEXM6B	10	13	5	4	113	•	•				
7	OEXM7B	GOEXM7B	11	15	5	4	118	•	•				
8	OEXM8B	GOEXM8B	13	17	6	4	123	•	•				
9	OEXM9B	GOEXM9B	14	19	6	5	128	•	•				
10	OEXM10B	GOEXM10B	15	21	7	5	133	•	•	•			
11	OEXM11B	GOEXM11B	17	23	8	6	138	•	•	•			
12	OEXM12B	GOEXM12B	18	25	8	6	142	•	•	•			
13	OEXM13B	GOEXM13B	20	27	9	6	148	•	•	•			
14	OEXM14B	GOEXM14B	21	29	9	7	152	•	•	•			
15	OEXM15B	GOEXM15B	22	31	10	7	157	•	•	•			
16	OEXM16B	GOEXM16B	24	33	10	7	162	•	•	•			
17	OEXM17B	GOEXM17B	25	35	11	8	167	•	•	•			
18	OEXM18B	GOEXM18B	27	37	12	8	172	•	•	•			
19	OEXM19B	GOEXM19B	28	39	12	9	177	•	•	•			
20	OEXM20B	—	30	41	13	9	182	•					
21	OEXM21B	—	31	43	13	9	186	•					
22	OEXM22B	—	33	46	14	10	192	•					
23	OEXM23B	—	34	47	14	10	197	•					
24	OEXM24B	—	35	49	15	11	201	•					

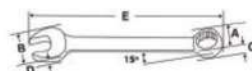
\*Set includes storage tray  
\*\*Sets include storage bag

ASME® B107.100





GOEX280B



## Short Handle, inches

II	Set Contains:			A	B	C	D	E	Set Contains:		
	12	12	12						12	12	12
1/4	OEX080B	GOEX080B		13/32	17/32	3/16	5/32	4-17/32	•	•	
9/32	OEX090B	—		7/16	19/32	7/32	5/32	4-21/32	•	•	
5/16	OEX100B	GOEX100B		1/2	21/32	7/32	5/32	4-27/32	•	•	•
11/32	OEX110B	GOEX110B		17/32	23/32	1/4	3/16	5	•	•	•
3/8	OEX120B	GOEX120B		19/32	25/32	1/4	3/16	5-1/8	•	•	•
7/16	OEX140B	GOEX140B		21/32	29/32	5/16	7/32	5-7/16	•	•	•
1/2	OEX160B	GOEX160B		3/4	1-1/16	11/32	1/4	5-3/4	•	•	•
9/16	OEX180B	GOEX180B		27/32	1-5/32	3/8	9/32	6-1/16	•	•	•
5/8	OEX200B	GOEX200B		15/16	1-5/16	13/32	9/32	6-11/32	•	•	•
11/16	OEX220B	GOEX220B		1-1/32	1-13/32	7/16	5/16	6-21/32	•	•	•
3/4	OEX240B	GOEX240B		1-1/8	1-9/16	15/32	11/32	6-31/32	•	•	•
13/16	OEX260B	GOEX260B		1-3/16	1-21/32	17/32	3/8	7-9/32	•	•	
7/8	OEX280B	GOEX280B		1-9/32	1-13/16	9/16	3/8	7-9/16	•	•	
15/16	OEX300B	GOEX300B		1-3/8	1-29/32	19/32	13/32	7-7/8	•	•	
1	OEX320B	GOEX320B		1-15/32	2-1/32	5/8	7/16	8-3/16	•	•	
1-1/16	OEX340B	—		1-9/16	2-5/32	21/32	15/32	8-17/32		•	
1-1/8	OEX360B	—		1-5/8	2-5/16	11/16	1/2	8-27/32		•	
1-3/16	OEX380B	—		1-23/32	2-13/32	23/32	1/2	9-1/8		•	
1-1/4	OEX400B	—		1-13/16	2-9/16	3/4	17/32	9-7/16		•	
1-5/16	OEX420B	—		1-29/32	2-21/32	3/4	9/16	9-3/4		•	
1-3/8	OEX440B	—		2	2-13/16	3/4	19/32	10-1/16		•	

\*Sets include storage tray  
\*\*Sets include storage bag

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OEXS715K



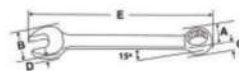
OEXS709B

## Midget, mm

mm	Set Contains:			A	B	C	D	E	Set Contains:	
	6	12	12						6	12
4	OXIM4SB	—		7	10	4	3	72	•	
5	OXIM5SB	—		8	12	4	3	76	•	
5.5	OXIM55SB	—		9	13	4	4	79	•	
6	OXIM6SB	OXIM6B		10	13	5	4	81	•	
7	OXIM7SB	OXIM7B		11	15	5	4	85	•	
8	OXIM8SB	OXIM8B		13	17	6	4	89	•	
9	OXIM9SB	OXIM9B		14	19	6	5	93	•	
10	—	OXIM10B		15	21	7	5	98		•
11	—	OXIM11B		17	23	8	6	102		•
12	—	OXIM12B		18	25	8	6	106		•
13	—	OXIM13B		20	27	9	6	110		•
14	—	OXIM14B		21	29	9	7	115		•
15	—	OXIM15B		22	31	10	7	119		•
16	—	OXIM16B		24	33	10	7	122		•
17	—	OXIM17B		25	35	11	8	127		•
18	—	OXIM18B		27	37	12	8	131		•
19	—	OXIM19B		28	39	12	9	136		•

\*Sets include storage tray  
\*\*Sets include storage bag

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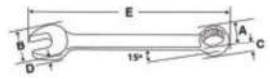
OXIM707SBK



• Read Safety Precautions on pages W1-W4

# FLANK DRIVE® COMBINATION

WRENCHES



**OXI709SBK**

## Midget, inches

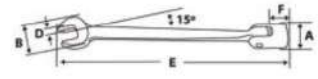
Set Contains:	OXI709SBK**			OXI707BK**			OXI706B*				
	12	6	12	A	B	C	D	E	6	12	12
1/8	OXI4SB	—	—	7/32	11/32	1/8	1/8	2-11/16	•		
5/32	OXI5SB	—	—	9/32	13/32	5/32	1/8	2-27/32	•		
3/16	OXI6SB	OXI6B	—	5/16	7/16	5/32	1/8	2-31/32	•	•	
7/32	OXI7SB	OXI7B	—	3/8	1/2	3/16	1/8	3-3/32	•	•	
1/4	OXI8SB	OXI8B	—	13/32	17/32	3/16	5/32	3-7/32	•	•	
9/32	OXI9SB	OXI9B	—	7/16	19/32	7/32	5/32	3-11/32	•	•	
5/16	OXI10SB	OXI10B	—	1/2	21/32	7/32	5/32	3-1/2	•	•	
11/32	OXI11SB	OXI11B	—	17/32	23/32	1/4	3/16	3-5/8	•	•	
3/8	OXI12SB	OXI12B	—	19/32	25/32	1/4	3/16	3-3/4	•	•	
7/16	—	OXI14B	—	21/32	29/32	5/16	7/32	4-1/32			•
1/2	—	OXI16B	—	3/4	1-1/16	11/32	1/4	4-9/32			•
9/16	—	OXI18B	—	27/32	1-5/32	3/8	9/32	4-17/32			•
5/8	—	OXI20B	—	15/16	1-5/16	13/32	9/32	4-13/16			•
11/16	—	OXI22B	—	1-1/32	1-13/32	7/16	5/16	5-1/16			•
3/4	—	OXI24B	—	1-1/8	1-9/16	15/32	11/32	5-11/32			•

\*Sets include storage tray  
\*\*Sets include storage bag

ASME® B107.100



**FHOM606B**



**FHOM606B**

## Flex Combination, mm

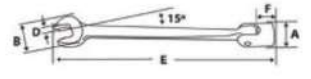
Set Contains:	FHOM606B						
	12	A	B	D	E	F	12
8	FHOM8B	12	17	5	146	6	
9	FHOM9B	13	18	5	156	6	
10	FHOM10B	14	20	5	166	6	•
11	FHOM11B	16	23	6	181	7	
12	FHOM12B	17	30	6	198	9	•
13	FHOM13B	19	27	7	205	9	•
14	FHOM14B	20	30	7	213	9	•
15	FHOM15B	21	31	7	224	10	•
16	FHOM16B	23	33	7	229	10	
17	FHOM17B	24	37	8	246	10	•
18	FHOM18B	24	38	8	254	11	
19	FHOM19B	26	40	8	261	12	

Set includes storage tray

ASME® B107.100



**FH0607B**



**FH0607B**

## Flex Combination, inches

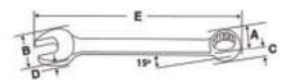
Set Contains:	FH0607B						
	12	A	B	D	E	F	12
1/4	FH08B	3/8	17/32	1/8	4-15/16	7/32	
5/16	FH010B	15/32	21/32	3/16	5-31/32	1/4	
3/8	FH012B	9/16	17/32	7/32	6-1/2	1/4	•
7/16	FH014B	5/8	29/32	7/32	7-1/8	9/32	•
1/2	FH016B	23/32	1-1/16	1/4	7-13/16	11/32	•
9/16	FH018B	25/32	1-3/16	9/32	8-3/8	11/32	•
5/8	FH020B	29/32	1-5/16	9/32	9	3/8	•
11/16	FH022B	1	1-7/16	9/32	9-11/16	13/32	•
3/4	FH024B	1-1/32	1-1/2	5/16	10-1/4	15/32	•
13/16	FH026B	1-1/32	1-23/32	5/16	10-5/16	1/2	
7/8	FH028B	1-3/16	1-27/32	5/16	10-15/32	9/16	

Set includes storage tray

ASME® B107.100



**WOEX90B**



## British Standard, Short Handle

BS	Decimal Equivalent, inches	12	A	B	C	D	E
3/16"	.338	WOEX6B	25/32	19/32	3/16	1/4	5-3/32
1BA	.365	WOEX70B	25/32	19/32	3/16	1/4	5-1/8
0BA	.413	WOEX80B	29/32	21/32	7/32	5/16	5-13/32
1/4"	.445	WOEX90B	29/32	21/32	7/32	5/16	5-15/32
5/16"	.525	WOEX100B	1-5/32	27/32	9/32	3/8	6-1/32
3/8	.6	WOEX110B	1-5/16	15/16	9/32	13/32	6-11/32
7/16"	.710	WOEX120B	1-5/16	1-1/32	5/16	7/16	6-23/32

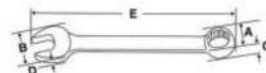


## Short Handle, inches

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.



OES18B

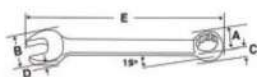


		A	B	C	D	E
1/4	OES8B	13/32	17/32	1/8	5/32	4-1/2
5/16	OES10B	15/32	21/32	11/64	15/64	4-55/64
3/8	OES12B	17/32	25/32	13/64	17/64	5-7/32
7/16	OES14B	5/8	29/32	15/64	5/16	5-27/64
1/2	OES16B	23/32	1-1/16	1/4	5/16	5-47/64
9/16	OES18B	13/16	1-3/16	17/64	21/64	6-1/32
5/8	OES20B	7/8	1-5/16	9/32	11/32	6-5/16
11/16	OES22B	31/32	1-7/16	19/64	23/64	6-39/64
3/4	OES24B	1-1/16	1-9/16	5/16	3/8	6-29/32

## COMBINATION (Blue-Point®)



BLPCWSM712B



BLPCWSM712B  
Set Contains:

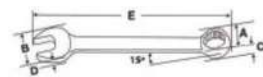
## Standard Handle, mm (Blue-Point®)

mm	Stock No.	A	B	C	D	E	
8	BLPCWM8B	13.5	17.8	6.0	4.7	139.5	•
9	BLPCWM9B	15.0	20.3	6.6	5.3	151.6	•
10	BLPCWM10B	16.5	21.6	7.2	5.7	162.7	•
11	BLPCWM11B	18.0	24.1	7.9	6.2	175.2	•
12	BLPCWM12B	19.5	25.3	8.5	6.8	185.6	•
13	BLPCWM13B	20.5	26.9	9.1	6.8	197.2	•
14	BLPCWM14B	22.5	30.4	9.7	7.2	208.5	•
15	BLPCWM15B	24.0	31.5	10.3	7.7	219.9	•
16	BLPCWM16B	25.0	33.1	10.8	7.7	230.0	•
17	BLPCWM17B	27.0	35.7	11.5	8.3	243.3	•
18	BLPCWM18B	28.5	37.4	12.1	8.7	254.1	•
19	BLPCWM19B	29.4	40.2	12.8	8.7	265.9	•

Set includes storage tray



BLPCW10B



BLPCW10B  
Set Contains:

## Standard Handle, inches (Blue-Point®)

	Stock No.	A	B	C	D	E	
1/4	BLPCW8B	7/16	19/32	13/64	11/64	4-49/64	
5/16	BLPCW10B	17/32	45/64	15/64	3/16	5-1/2	
3/8	BLPCW12B	5/8	55/64	9/32	7/32	6-3/16	•
7/16	BLPCW14B	45/64	61/64	5/16	1/4	6-57/64	•
1/2	BLPCW16B	13/16	1-1/16	23/64	17/64	7-49/64	•
9/16	BLPCW18B	57/64	1-13/64	3/8	9/32	8-13/64	•
5/8	BLPCW20B	63/64	1-5/16	27/64	5/16	9-1/16	•
11/16	BLPCW22B	1-5/64	1-27/64	15/32	21/64	9-49/64	•
3/4	BLPCW24B	1-5/32	1-37/64	1/2	11/32	10-15/32	•
13/16	BLPCW26B	1-9/32	1-43/64	35/64	25/64	11-3/16	•
7/8	BLPCW28B	1-23/64	1-39/64	37/64	13/32	11-59/64	•
15/16	BLPCW30B	1-29/64	1-15/16	5/8	27/64	12-5/8	•
1	BLPCW32B	1-33/64	2-3/64	21/32	7/16	13-21/64	•

Set includes storage tray

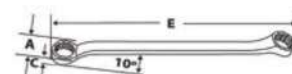
## FLANK DRIVE® OFFSET BOX

## Standard Handle, 10° Offset, mm

mm			A	C	E	
8-10	—	XBM810A	12.3-15	6.7-7.7	185	
10-11	—	XBM1011A	15-16.4	7.7-8.3	202	•
10-12	—	XBM1012A	15-17.7	7.7-8.8	208	
11-13	—	XBM1113A	16.4-19.1	8.3-9.3	219	
12-14	XBM1214SA	XBM1214A	17.7-20.4	8.8-9.7	230	•
13-15	XBM1315SA	XBM1315A	19.1-21.8	9.3-10.2	241	•
14-17	—	XBM1417A	20.4-24.5	9.8-11.4	248	
16-18	—	XBM1618A	23.1-25.9	10.9-11.9	275	•
17-19	—	XBM1719A	24.5-27.2	11.4-12.3	286	•
18-21	—	XBM1821A	25.9-29.9	11.9-13.3	303	
22-24	—	XBM2224A	31.3-34	13.7-14.7	342	
27-30	—	XBM2730A	38.1-42.2	16-17.3	404	

Set includes storage tray

XBM605A  
Set Contains:



XBM605A

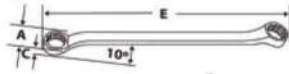


- Do not use "cheater bars" on handles.
- Do not push on handles.
- Read Safety Precautions on pages W1-W4

# FLANK DRIVE® OFFSET BOX



**XB605A**



**Standard Handle,  
10° Offset, inches**

Set  
Contains:

**XB605A**

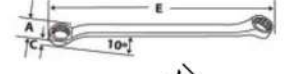
12	12	A	C	E	12
3/8-7/16	<b>XB1214A</b>	9/16-21/32	5/16-11/32	7-19/32	•
7/16-1/2	<b>XB1416A</b>	21/32-3/4	5/16-11/32	7-15/16	•
1/2-9/16	<b>XB1618A</b>	3/4-13/16	11/32-3/8	8-11/16	•
9/16-5/8	<b>XB1820A</b>	13/16-29/32	13/32-7/16	9-13/32	•
5/8-11/16	<b>XB2022A</b>	29/32-1	7/16-15/32	10-5/32	•
11/16-3/4	<b>XB2224A</b>	1-1-1/16	15/32-1/2	10-15/16	•
3/4-13/16	<b>XB2426A</b>	1-1/16-1-5/32	1/2-17/32	11-21/32	•
7/8-15/16	<b>XB2830A</b>	1-1/4-1-11/32	17/32-9/16	13-1/8	•
15/16-1	<b>XB3032A</b>	1-11/32-1-13/32	9/16-19/32	13-7/8	•
1-1-1/16	<b>XB3234A</b>	1-13/32-1-1/2	19/32-5/8	14-19/32	•
1-1/16-1-1/4	<b>XB3440A</b>	1-1/2-1-3/4	5/8-23/32	16-3/32	•
1-1/8-1-3/16	<b>XB3638A</b>	1-9/32-1-21/32	21/32-11/16	16-3/32	•
1-1/4-1-5/16	<b>XB4042A</b>	1-3/4-1-27/32	23/32-3/4	17-19/32	•
1-3/8-1-7/16	<b>XB4446A</b>	1-31/32-2-1/16	3/4-25/32	19-1/8	•
1-1/2-1-5/8	<b>XB4852A</b>	2-3/32-2-9/32	13/16-7/8	20-15/16	•

Set includes storage tray

ASME® B107.100



**XSM608A**



**Short Handle,  
10° Offset, mm**

Set  
Contains:

**XSM608A**

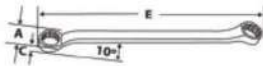
mm	12	A	C	E	12
6-7	<b>XSM67A</b>	9.6-10.9	5.7-6.2	86	•
8-9	<b>XSM89A</b>	12.3-13.7	6.7-7.2	103	•
8-10	<b>XSM810</b>	12.3-15	6.7-7.7	107	•
9-10	<b>XSM910A</b>	13.7-15	7.2-7.7	112	•
11-12	<b>XSM1112A</b>	16.4-17.7	8.3-8.8	128	•
13-14	<b>XSM1314A</b>	19.1-20.4	9.3-9.8	146	•
15-16	<b>XSM1516A</b>	21.8-23.1	10.2-10.9	163	•
17-19	<b>XSM1719A</b>	24.5-27.2	11.4-12.3	185	•
18-20	<b>XSM1820A</b>	25.9-28.6	11.9-12.8	194	•

Set includes storage tray

ASME® B107.100



**XS609A**



**Short Handle,  
10° Offset, inches**

Set  
Contains:

**XS609A**

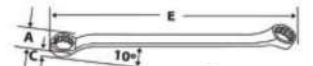
12	12	A	C	E	12
3/16-7/32	<b>XS67A</b>	5/16-11/32	7/32-7/32	3-27/32	•
1/4-5/16	<b>XS810A</b>	13/32-15/32	1/4-9/32	4-1/4	•
5/16-3/8	<b>XS1012A</b>	15/32-9/16	9/32-5/16	4-9/16	•
3/8-7/16	<b>XS1214A</b>	9/16-21/32	5/16-11/32	4-29/32	•
7/16-1/2	<b>XS1416A</b>	21/32-3/4	11/32-11/32	5-3/16	•
1/2-9/16	<b>XS1618A</b>	3/4-13/16	3/8-3/8	5-17/32	•
9/16-5/8	<b>XS1820A</b>	13/16-29/32	13/32-7/16	5-7/8	•
5/8-3/4	<b>XS2024A</b>	29/32-1-1/16	7/16-1/2	6-3/8	•
11/16-13/16	<b>XS2226A</b>	1-1-5/32	15/32-17/32	6-23/32	•

Set includes storage tray

ASME® B107.100



**XID604KA**



**Midget,  
10° Offset, inches**

Set  
Contains:

**XID604KA**

12	12	A	C	E	12
3/16-13/64	<b>XID1213A</b>	5/16-11/32	1/8-5/32	2-13/16	•
7/32-15/64	<b>XID1415A</b>	3/8-3/8	5/32-5/32	3-1/16	•
1/4-9/32	<b>XID1618A</b>	13/32-7/16	5/32-3/16	3-13/32	•
5/16-11/32	<b>XID2022A</b>	15/32-1/2	3/16-7/32	3-31/32	•

Sets include storage bag

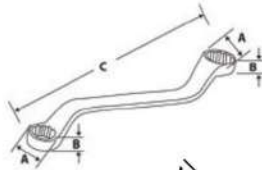
ASME® B107.100



- Heads of XO, XOM and XSO Series are deeply offset at 60° to the handles for improved access to recessed fasteners
- Wrenches feature the 12-point Flank Drive® configuration for strength and turning power



XOM605



Set Contains: XOM605

## Standard Handle, Deep 60° Offset, mm

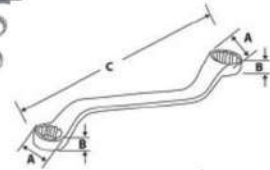
mm	12	A	B	C	12
8-10	XOM810	11.7-14.2	6.9-7.3	178.1	
9-10	XOM910	14.2-16.3	7.6	193.0	
10-11	XOM1011	15-16.3	7.6	193.0	•
12-14	XOM1214	15-20.3	9.0	210.0	•
13-14	XOM1314	18.8-21.2	8.9	223.3	
13-15	XOM1315	16.3-21.2	8.9	223.0	•
15-16	XOM1516	23.0-25.2	10.8	252.7	
16-18	XOM1618	17.7-25.4	10.8	253.0	•
17-19	XOM1719	17.7-27.4	11.1	260.0	•
18-20	XOM1820A	32.5-33.3	13.8	330.0	
20-21	XOM2021	32.5-33.3	13.7	329.6	
22-24	XOM2224	31.9-34.1	13.7	329.6	

Set includes storage tray

ASME® B107.100



XO605



Set Contains: XO605

## Standard Handle, Deep 60° Offset, inches

in	12	A	B	C	12
1/4-5/16	XO810	25/64-15/32	1/4-5/16	6-27/64	
5/16-3/8	XO1012	15/32-9/16	9/32	7	
3/8-7/16	XO1214	9/16-5/8	5/16	7-19/32	•
1/2-9/16	XO1618	23/32-13/16	11/32	8-25/32	•
9/16-5/8	XO1820	13/16-29/32	13/32	9-3/8	•
5/8-11/16	XO2022	29/32-1	13/32	9-15/16	
5/8-3/4	XO2024	29/32-1-3/32	7/16	10-1/4	
11/16-13/16	XO2226	1-1-5/32	15/32	10-27/32	•
3/4-7/8	XO2428	1-3/32-1-1/4	1/2	11-13/32	•
7/8-15/16	XO2830	1-1/4-1-11/32	17/32	12-31/32	
15/16-1	XO3032	1-11/32-1-7/16	9/16	13-15/16	

Set includes storage tray

ASME®/ANSI® B107.6

## Short Handle, Deep 60° Offset, inches

in	Stock No.	A	B	C
1/4-9/32	XS089	13/32-7/16	3/16-7/32	3-7/8
1/4-5/16	XS0810A	3/8-7/16	3/16-7/32	4-5/32
3/8-7/16	XSO1214A	17/32-5/8	1/4-9/32	4-13/16
5/8-11/16	XSO2022	29/32-1	3/8-7/16	6-5/16
5/8-3/4	XSO2024A	7/8-1-1/16	3/16-7/32	6-1/2

ASME®/ANSI® B107.100



XS01214A

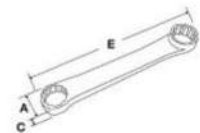
# FLANK DRIVE® HIGH-PERFORMANCE OFFSET BOX

## Standard Handle, 0° Offset, mm

mm	12	A	C	E	12	12
6-7	XDHFM67	9.1-10.4	5.3-5.8	211.5		
8-9	XDHFM89	11.6-13.0	5.8-6.2	226.1		
8-10	XDHFM810	11.6-14.4	6.2-7.6	232.7		•
9-11	XDHFM911	13.0-15.6	7.6-8.5	253		•
10-11	XDHFM1011	14.4-15.6	7.6-8.5	253.7	•	
10-12	XDHFM1012	14.4-17.1	8.5-9.0	272.2		
12-13	XDHFM1213	17.1-18.7	9.0-9.0	286.2	•	
12-14	XDHFM1214	17.1-20.1	9.0-10.2	298.4		•
13-14	XDHFM1314	18.7-20.1	9.0-9.7	299.2		
13-15	XDHFM1315	20.1-21.5	9.8-10.9	323.5		•
14-15	XDHFM1415	20.1-21.5	9.8-10.9	323.5	•	
14-17	XDHFM1417	20.1-23.7	9.8-11.3	345.0		
15-16	XDHFM1516	21.5-22.6	10.9-10.9	347.5	•	
16-18	XDHFM1618	22.6-24.9	11.2-12.2	346.3		•
17-19	XDHFM1719	23.8-26.3	11.3-12.1	372.1	•	•
18-20	XDHFM1820	25.0-27.3	12.1-13.6	395.7	•	
21-22	XDHFM2122	28.8-30.6	13.7-14.6	421.2		
22-24	XDHFM2224	30.6-33.1	14.0-14.9	445.2		

Sets include storage tray

Set Contains: XDHFM606, XDHFM606K1



XDHFM606



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

# FLANK DRIVE® HIGH-PERFORMANCE OFFSET BOX



## Standard Handle, 0° Offset, inches

Set Contains: XDFH605

Hex Size	Part No.	A	C	E	Hex Size
11	12	A	C	E	12
1/4-5/16	XDFH810	13/32-15/32	7/32-1/4	8-5/16	•
3/8-7/16	XDFH1214	17/32-5/8	5/16-11/32	10-1/16	•
1/2-9/16	XDFH1618	23/32-13/16	11/32-13/32	11-3/4	•
5/8-3/4	XDFH2024	7/8-1-1/32	7/16-15/32	13-5/8	•
11/16-13/16	XDFH2226	31/32-1-5/32	15/32-17/32	15-5/8	•

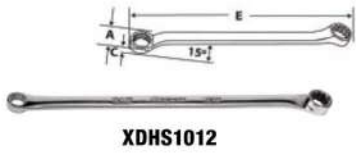
Set includes storage tray



## Short Handle, 0° Offset, mm

Hex Size	Part No.	A	C	E
mm	12	A	C	E
8-10	XDHSFM810	12.1-14.9	6.2-7.6	162.9
10-12	XDHSFM1012	14.4-17.1	7.6-9.0	190.5
12-14	XDHSFM1214	17.1-20.1	8.5-10.2	208.8
17-19	XDHSFM1719	23.8-26.3	11.3-12.1	260.3

ASME®/ANSI® B107.5m



## Short Handle, 15° Offset, inches

Hex Size	Part No.	A	C	E
11	12	A	C	E
5/16-3/8	XDHS1012	31/64-9/16	1/4-5/16	7



## Standard Handle, 15° Offset, mm

Set Contains: XDHM606

Hex Size	Part No.	A	C	E	Hex Size
mm	12	A	C	E	12
8-9	XDHM89	11.6-13.0	5.8-6.2	219.2	•
8-10	XDHM810	11.6-14.4	6.2-7.6	225.6	•
10-11	XDHM1011	14.4-15.6	7.6-8.5	246.3	•
10-12	XDHM1012	14.4-17.1	7.6-9.0	264.0	•
12-13	XDHM1213	17.1-18.7	9.0-9.0	277.6	•
12-14	XDHM1214	17.1-20.1	9.0-10.2	289.6	•
14-15	XDHM1415	20.1-21.5	9.8-10.9	313.1	•
14-17	XDHM1417	20.1-23.7	9.8-11.3	334.7	•
15-16	XDHM1516	21.5-22.6	10.9-10.9	334.8	•
17-19	XDHM1719	23.7-26.3	11.3-12.1	360.1	•
18-20	XDHM1820	24.9-27.3	12.1-13.6	384.0	•

Set includes storage tray



## Standard Handle, 15° Offset, inches

Set Contains: XDH605

Hex Size	Part No.	Part No.	A	C	E	Hex Size
11	12	12	A	C	E	12
7/32-1/4	XDH78A	GXDH78A	11/32-3/8	13/64-15/64	7-15/64	
1/4-5/16	XDH810B	—	3/8-29/64	1/4-1/4	8-3/64	•
5/16-3/8	XDH1012B	GXDH1012B	29/64-35/64	1/4-19/64	8-7/8	
3/8-7/16	XDH1214A	—	35/64-5/8	19/64-11/32	9-11/16	•
7/16-1/2	XDH1416A	—	11/32-3/4	11/32-23/64	10-7/16	•
1/2-9/16	XDH1618A	GXDH1618A	23/32-13/16	23/64-13/32	11-7/16	•
9/16-5/8	XDH1820A	—	13/16-29/32	13/32-7/16	12-3/8	•
5/8-3/4	XDH2024A	—	57/64-1-3/64	7/16-31/64	13-9/32	•
11/16-3/4	XDH2224A	—	31/32-1-1/32	15/32-3/4	14-7/32	•
11/16-13/16	XDH2226A	—	63/64-1-9/64	31/64-17/32	15-5/32	•
3/4-7/8	XDH2428	—	1-3/64-1-1/64	31/64-37/64	15-3/4	•
25/32-7/8	XDH2528	—	1-5/64-1-13/64	35/64-37/64	16-5/64	•
15/16-1	XDH3032	—	1-5/16-1-25/64	37/64-39/64	15-1/2	•
1-1/16-1-1/4	XDH3440	—	1-31/64-1-47/64	5/8-23/32	18-1/4	•
1-1/4-1-5/16	XDH4042	—	1-47/64-1-13/16	23/32-47/64	19-1/4	•
1-1/4-1-3/8	XDH4044	—	1-47/64-1-15/16	23/32-49/64	20-1/4	•
1-1/4-1-7/16	XDH4046	—	1-47/64-2	23/32-51/64	21	•
1-7/16-1-1/2	XDH4648	—	2-2-1/16	51/64-13/16	22	•

Set includes storage tray

Aerospace Spec. AS954E

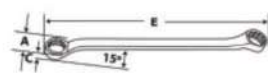


Snap-on® spline wrenching tools have been developed to service high-tensile strength spline nuts and bolts widely used on both military and commercial aircraft. Precise, radial spline teeth engage the fastener teeth over a wider area to minimize stress, and allow application of high torque to reduce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

or to the tool. Chrome tools comply with Military Spec. MS-33797 and MIL-W-8982. The unique spline wrenching configuration can be used on ordinary 6- and 12-point fasteners with an advantage similar to the Snap-on® Flank Drive® wrenching system.



XDES1618A



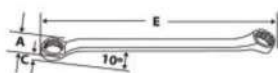
## Box/Spline, 15° Offset, inches

		Stock No.	A	C	E
#7-9 (7/32-9/32")	7/32-9/32	XDES79A	11/32-7/16	11/64-13/64	7-1/4
#8-10 (1/4-5/16")	1/4-5/16	XDES810A	3/8-15/32	3/16-7/32	8-1/16
#12-14 (3/8-7/16")	3/8-7/16	XDES1214A	35/64-41/64	5/16-11/32	9-3/4
#16-18 (1/2-9/16")	1/2-9/16	XDES1618A	3/4-13/16	3/8-3/8	11-7/16
#18-20 (9/16-5/8")	9/16-5/8	XDES1820A	13/16-57/64	25/64-13/32	12-3/8
#22-24 (11/16-3/4")	11/16-3/4	XDES2224A	31/32-1-5/64	0.438-0.525	14-1/4
#26-30 (13/16-15/16")	13/16-15/16	XDES2630A	1-5/32-1-5/16	1/2-9/16	16-3/16
#28-32 (7/8-1")	7/8-1	XDES2832A	1-1/4-1-7/16	17/32-37/64	17

## TORX® BOX



XLE605



Set Contains:

## TORX®/Long Handle, 10° Offset

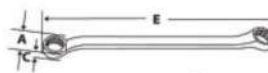
#		A	C	E	
E5-E6	XLE56	9/32-5/16	5/32-3/16	6-13/32	•
E7-E8	XLE78	11/32-3/8	7/32-7/32	7-7/32	•
E10-E12	XLE1012A	15/32-17/32	1/4-5/16	8-7/8	•
E14-E16	XLE1416	5/8-23/32	11/32-11/32	10-7/16	•
E18-E20	XLE1820	13/16-7/8	13/32-7/16	12-3/8	•

Set includes storage tray

ASME® B107.100



ETX705



Set Contains:

## TORX®/Standard Handle, 0° Offset

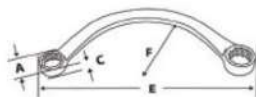
#		A	C	E	
E5-E6	ETX0506	17/64-5/16	5/32-11/64	4-41/64	•
E7-E8	ETX0708	21/64-3/8	7/32-15/64	5-15/32	•
E10-E12	ETX1012	29/64-35/64	1/4-19/64	6-13/32	•
E14-E16	ETX1416	5/8-23/32	11/32-23/64	7-1/2	•
E18-E20	ETX1820	13/16-57/64	13/32-7/16	8-37/64	•

Set includes storage tray

## FLANK DRIVE® SPECIALTY BOX



CXM605



Set Contains:

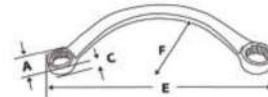
## Half-Moon, mm

mm	12	A	C	E	F	12
10-12	CXM1012	15-17	6-7	128	48	•
11-13	CXM1113	16-18	8-8	144	57	•
14-17	CXM1417	20-23	9-9	166	65	•
15-19	CXM1519	22-27	10-11	198	78	•
18-21	CXM1821	27-31	11-13	224	86	•

Set includes storage tray



CX605



Set Contains:

## Half-Moon, inches

	12	A	C	E	F	12
5/16-3/8	CX1012	15/32-9/16	3/16-5/16	4-5/8	2-1/16	•
7/16-1/2	CX1416	5/8-23/32	5/16-5/16	5	2-7/32	•
9/16-5/8	CX1820	13/16-7/8	11/32-3/8	6-1/2	2-9/16	•
5/8-3/4	CX2024	7/8-1-7/32	13/32-7/16	7-3/4	3-1/16	•
11/16-13/16	CX2226	31/32-1-9/32	13/32-15/32	8-1/2	3-1/2	•
7/8-15/16	CX2830	1-1/4-1-11/32	9/16-9/16	10	4-1/16	•

Set includes storage tray



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

# FLANK DRIVE® SPECIALTY BOX



SBXM605

## S-Shaped, mm

Set Contains:

SBXM605

mm	12	A	C	E	12
10-12	SBXM1012	14-18	6-8	140	•
11-13	SBXM1113	16-19	7-8	155	•
14-15	SBXM1415	21-22	9-9	190	•
16-18	SBXM1618	24-27	10-11	173	•
17-19	SBXM1719	25-28	10-12	240	•

Set includes storage tray

ASME® B107.100



SBXM605

## S-Shaped, inches

Set Contains:

SBXM605

12	12	A	C	E	12
5/16-3/8	SBX1012	15/32-9/16	9/16-7/32	3-3/4	•
7/16-1/2	SBX1416	21/32-3/4	9/32-5/16	5-5/16	•
9/16-5/8	SBX1820	27/32-15/16	11/32-11/32	6-7/8	•
11/16-3/4	SBX2224	1-1/32-1-1/8	11/32-11/32	8-7/16	•
13/16-7/8	SBX2628	1-7/32-1-5/16	17/32-9/16	10	•

Set includes storage tray

ASME® B107.100

## OPEN END



VOM705



VO806B

## Standard, mm

Set Contains:

VOM705

mm	Stock No.	12	12	12	
6-7	VOM67B	13-15	4-4	97	
7-8	VOM78B	15-17	4-4	106	
8-9	VOM89B	17-20	4-5	119	
8-10	VOM810B	17-21	4-5	121	
10-11	VOM1011B	21-23	5-6	136	•
11-13	VOM1113B	23-27	6-6	151	•
12-13	VOM1213B	25-27	6-6	157	•
12-14	VOM1214B	25-29	6-7	162	•
14-15	VOM1415B	29-31	7-7	178	•
16-18	VOM1618B	33-37	7-8	205	•
17-19	VOM1719B	35-38	8-9	216	•
19-22	VOM1922B	39-46	9-10	245	•
20-23	VOM2023B	39-46	9-10	245	•
21-24	VOM2124B	43-49	9-10	267	•
22-24	VOM2224B	46-49	10-10	273	•
25-27	VOM2527B	49-55	10-11	302	•
26-28	VOM2628B	49-55	10-11	302	•
27-30	VOM2730B	55-61	11-12	338	•
30-32	VOM3032B	61-65	12-12	368	•

Set includes storage tray

ASME®/ANSI® B107.100

## Standard, inches

Set Contains:

VO806B\*  
VO820K\*

12	Stock No.	12	12	12	
3/16-1/4	VO68	13/32	9/64	3-13/32	
1/4-5/16	VO810B	17/32-21/32	5/32-5/32	4-1/16	• •
5/16-3/8	VO1012B	21/32-25/32	5/32-3/16	4-21/32	•
3/8-7/16	VO1214B	25/32-29/32	3/16-7/32	5-5/16	• •
7/16-1/2	VO1416B	29/32-1-1/16	7/32-1/4	5-15/16	•
1/2-9/16	VO1618B	1-1/16-1-5/32	1/4-9/32	6-19/32	• •
9/16-5/8	VO1820B	1-5/32-1-5/16	9/32-9/32	7-9/32	•
5/8-11/16	VO2022B	1-5/16-1-13/32	9/32-5/16	7-15/16	• •
5/8-3/4	VO2024B	1-5/16-1-9/16	9/32-11/32	8-9/32	•
11/16-3/4	VO2224B	1-13/32-1-9/16	5/16-11/32	8-5/8	•
3/4-13/16	VO2426B	1-9/16-1-21/32	11/32-3/8	9-11/32	• •
3/4-7/8	VO2428B	1-9/16-1-13/16	11/32-3/8	9-21/32	•
13/16-7/8	VO2628B	1-21/32-1-13/16	3/8-3/8	10-1/32	•
7/8-15/16	VO2830B	1-13/16-1-29/32	3/8-13/32	10-3/4	• •
15/16-1	VO3032B	1-29/32-2-1/32	13/32-13/32	11-15/32	•
1-1-1/16	VO3234B	2-1/32-2-5/32	13/32-7/16	12-7/32	•
1-1/16-1-1/4	VO3440B	2-5/32-2-17/32	7/16-1/2	12-15/16	•
1-1/8-1-3/16	VO3638B	2-5/16-2-13/32	7/16-15/32	13-23/32	•
1-1/4-1-5/16	VO4042B	2-17/32-2-21/32	1/2-1/2	15-1/4	•
1-3/8-1-7/16	VO4446B	2-13/16-2-29/32	17/32-17/32	16-7/8	•
1-1/2-1-5/8	VO4852B	3-1/16-3-5/16	9/16-19/32	18-29/32	•

\*Set includes storage tray  
\*\*Set includes storage bag

ASME®/ANSI® B107.100



**Low Torque/Slimline, 15° Offset, mm**

Set Contains:

**LTAM811**

mm	Stock No.				
6-7	LTAM67	13-15	3	165	•
8-10	LTAM810	17-21	3	165	•
10-11	LTAM1011	21-23	3	165	•
12-14	LTAM1214	25-29	4	241	•
13-15	LTAM1315	27-31	4	241	•
16-18	LTAM1618	33-37	4	241	•
17-19	LTAM1719	35-39	4	241	•
19-22	LTAM1922	39-45	4	241	•
21-24	LTAM2124	43-49	4	241	•
27-30	LTAM2730	55-61	6	311	•
32-36	LTAM3236	65-73	6	311	•

Set includes storage bag

ASME®/ANSI® B107.100


**LTAM811**
**Low Torque/Slimline, 15° Offset, inches**

Set Contains:

**LTA805K**

	Stock No.				
3/8-7/16	LTA1214	25/32-29/32	3/32	9-1/2	•
7/16-1/2	LTA1416	29/32-1-1/32	5/32	9-1/2	• •
1/2-9/16	LTA1618	1-1/32-1-5/32	5/32	9-1/2	• •
5/8-11/16	LTA2022	1-9/32-1-13/32	5/32	9-1/2	• •
3/4-13/16	LTA2426	1-17/32-1-11/16	5/32	9-1/2	•
3/4-7/8	LTA2428	1-17/32-1-25/32	5/32	9-1/2	• •
15/16-1	LTA3032	1-29/32-2-1/32	5/32	9-1/2	• •
1-1/16-1-1/8	LTA3436	2-5/32-2-9/32	1/4	12-1/4	•
1-1/4-1-5/16	LTA4042	2-17/32-2-21/32	1/4	12-1/4	•
1-3/8-1-7/16	LTA4446	2-25/32-2-29/32	1/4	12-1/4	•
1-1/2-1-5/8	LTA4852	3-1/16-3-9/32	9/32	14-1/4	•
1-11/16-1-7/8	LTA5460	3-13/32-3-17/32	9/32	14-1/4	•

Sets include storage bag

ASME® B107.100


**LTA805K**
**Ignition, 15°/60° Offset, mm**

Set Contains:

**DSM810K**

Stock No.	A	B	C	D	E	
DSM3.25.5	3.2	5.5	8-11	3	74	•
DSM5.53.2	5.5	3.2	11-8	3	83	•
DSM45	4	5	9-11	3	77	•
DSM54	5	4	11-9	3	81	•
DSM67	6	7	12-14	3	85	•
DSM76	7	6	14-12	3	89	•
DSM89	8	9	15-17	3	93	•
DSM98	9	8	17-15	3	97	•
DSM1011	10	11	20-22	4	101	•
DSM1110	11	10	22-20	4	105	•

Set includes storage bag

ASME®/ANSI® B107.100


**DSM810K**
**Ignition, 15°/60° Offset, inches**

Set Contains:

**DS809K**

Stock No.	A	B	C	D	E	
DS88A	1/8	1/8	5/16-5/16	1/8	2-29/32	•
DS1010A	5/32	5/32	3/8-3/8	1/8	2-7/8	•
DS1212A	3/16	3/16	13/32-13/32	1/8	3-1/8	•
DS1516A	15/64	1/4	15/32-1/2	1/8	3-1/4	• •
DS1615A	1/4	15/64	1/2-15/32	1/8	3-13/32	• •
DS1820A	9/32	5/16	9/16-19/32	1/8	3-1/2	• •
DS2018A	5/16	9/32	19/32-9/16	1/8	3-21/32	• •
DS2224A	11/32	3/8	21/32-23/32	5/32	3-3/4	• •
DS2422A	3/8	11/32	23/32-21/32	5/32	3-3/4	• •

Sets include storage bag

ASME®/ANSI® B107.100


**DS809K**


- Use only moderate force on Slimline wrenches.
- Read Safety Precautions on pages W1-W4



**VSM807B**

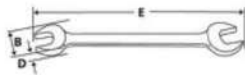
**Four-Way Angle Head, mm**

- Angle head wrenches are offset at 30° and 60° angles to the handle
- Both ends are the same size to permit use of one wrench in four positions

mm	Stock No.	Flank Drive® Plus Stock No.	Set Contains:						Flank Drive® Plus	Flank Drive® Plus
			VSM814**	VSM807B*	SVSM807A*	SVSM01FBR^				
10	VSM5210B	SVSM10A	20	6	127	•	•	•	•	
11	VSM5211B	SVSM11A	22	6	137	•	•	•	•	
12	VSM5212B	SVSM12A	24	6	145	•	•	•	•	
13	VSM5213B	SVSM13A	26	6	154	•	•	•	•	
14	VSM5214B	SVSM14A	28	6	164	•	•	•	•	
15	VSM5215B	SVSM15A	30	7	173	•	•	•	•	
16	VSM5216B	SVSM16A	31	7	181	•			•	
17	VSM5217B	SVSM17A	34	7	191	•	•	•	•	
18	VSM5218B	SVSM18A	36	7	200	•			•	
19	VSM5219B	SVSM19A	37	7	210	•			•	
21	VSM5221B	SVSM21A	41	8	228	•			•	
22	VSM5222B	SVSM22A	44	8	239	•			•	
24	VSM5224B	SVSM24A	47	8	254	•			•	
27	VSM5227B	SVSM27A	53	9	283	•			•	

\*Set includes storage tray  
\*\*Set includes storage bag

^Set includes foam organizer  
ASME® B107.100



**VS807B**



**GVS24B**

**Four-Way Angle Head, inches**

Inches	Stock No.	Industrial Stock No.	Flank Drive® Plus Stock No.	Set Contains:						Flank Drive® Plus	Flank Drive® Plus
				VS828A**	VS814A**	VS807B*	SVS01FBR^	SVS807A*			
1/4	VS8B	—	—	17/32	3/16	3-11/16	•				
5/16	VS10B	—	—	21/32	3/16	4-1/4	•				
11/32	VS11B	—	—	23/32	7/32	4-17/32	•				
3/8	VS12B	—	SVS12A	25/32	7/32	4-27/32	•	•	•	•	•
7/16	VS14B	—	SVS14A	7/8	7/32	5-13/32	•	•	•	•	•
1/2	VS16B	GVS16B	SVS16A	1	1/4	5-31/32	•	•	•	•	•
9/16	VS18B	GVS18B	SVS18A	1-1/8	1/4	6-9/16	•	•	•	•	•
5/8	VS20B	GVS20B	SVS20A	1-1/4	9/32	7-1/8	•	•	•	•	•
11/16	VS22B	GVS22B	SVS22A	1-3/8	9/32	7-11/16	•	•	•	•	•
3/4	VS24B	GVS24B	SVS24A	1-15/32	9/32	8-9/32	•	•	•	•	•
13/16	VS26B	GVS26B	SVS26A	1-19/32	5/16	8-27/32	•	•	•	•	•
7/8	VS28B	GVS28B	SVS28A	1-23/32	5/16	9-13/32	•	•	•	•	•
15/16	VS30B	GVS30B	SVS30A	1-27/32	11/32	10	•	•	•	•	•
1	VS32B	GVS32B	SVS32A	1-31/32	11/32	10-9/16	•	•	•	•	•
1-1/16	VS34B	—	SVS34A	2-3/32	11/32	11-1/8	•	•	•	•	•
1-1/8	VS36B	—	SVS36A	2-3/16	3/8	11-23/32	•	•	•	•	•
1-3/16	VS38B	—	—	2-11/32	3/8	12-9/32	•				
1-1/4	VS40B	GVS40B	SVS40A	2-7/16	13/32	12-7/8	•	•	•	•	•
1-5/16	VS42B	—	—	2-9/16	13/32	13-7/16	•				
1-3/8	VS44B	—	—	2-11/16	13/32	14	•				
1-7/16	VS46B	—	—	2-27/32	7/16	14-19/32	•				
1-1/2	VS48B	—	—	2-15/16	7/16	15-5/32	•				
1-5/8	VS52B	—	—	3-7/32	15/32	16-5/16	•				
1-11/16	VS54B	—	—	3-11/32	1/2	16-7/8	•				
1-3/4	VS56B	—	—	3-15/32	1/2	17-7/16	•				
1-13/16	VS58B	—	—	3-19/32	1/2	18	•				
1-7/8	VS60B	—	—	3-23/32	17/32	18-19/32	•				
2	VS64B	—	—	3-31/32	9/16	19-3/4	•				

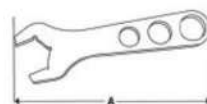
\*Set includes storage tray  
\*\*Set includes storage bag

^Set includes foam organizer  
ASME® B107.100



**Aluminum (for AN fittings)**

- Securely tighten expensive AN fittings to reduce risk of damage in aircraft, marine and industrial applications, as well as race and show cars
- Machined from heat-treated aluminum to exact tolerances
- Corner reliefs on open end prevent rounding the corners of the fitting
- Handle length is designed to apply appropriate torque without overtightening
- Wrenches are color coded and stamped for quick size identification
- All wrenches are .36" thick



#	Open End	Stock No.	Color	Overall Length, inches (mm)	
No. 3	1/2	<b>ANWR3A</b>	Silver	4 (101.6)	•
No. 4	9/16	<b>ANWR4A</b>	Black	4-3/4 (120.7)	•
No. 6	11/16	<b>ANWR6A</b>	Light Blue	5-3/4 (146.1)	•
No. 8	7/8	<b>ANWR8A</b>	Pink	5-3/4 (146.1)	•
No. 10	1	<b>ANWR10A</b>	Gold	7-1/8 (181.0)	•
No. 12	1-1/4	<b>ANWR12A</b>	Red	7-1/2 (190.5)	•
No. 16	1-1/2	<b>ANWR16A</b>	Brass	8-3/4 (222)	•
No. 20	1-13/16	<b>ANWR20A</b>	Dark Blue	9-1/4 (237.0)	•

Set Contains:

**ANWR708A**

**ANWR708A**

Set includes heavy-gauge vinyl storage pouch

**SoftJaw Wrenches (Blue-Point®)**

- Durable, chrome-vanadium wrenches with SoftJaw inserts
- Use to tension anodized aluminum fittings without damage
- Replaceable SoftJaw inserts

Stock No.	Description	
<b>BLPSJW0304†</b>	Size 3–4 AN SoftJaw Open-End Wrench (Blue-Point®)	•
<b>BLPSJW0305†</b>	Size 3–5 AN SoftJaw Open-End Wrench (Blue-Point®)	•
<b>BLPSJW0608†</b>	Size 6–8 AN SoftJaw Wrench (Blue-Point®)	•
<b>BLPSJW79†</b>	Size 7–9 AN SoftJaw Open-End Wrench (Blue-Point®)	•
<b>BLPSJW1012†</b>	Size 10–12 AN SoftJaw Open-End Wrench (Blue-Point®)	•
<b>BLPSJW1113†</b>	Size 11–13 AN SoftJaw Open-End Wrench (Blue-Point®)	•
<b>BLPSJW1620†</b>	Size 16–20 AN SoftJaw Wrench (Blue-Point®)	
<b>BLPSJW1718†</b>	Size 17–18 AN SoftJaw Wrench (Blue-Point®)	

Set Contains:

**BLPSJW706†**

**BLPSJW706**
**OPEN END (Blue-Point®)**

**BDOEM1415**

**BDOE1820**
**Standard, mm (Blue-Point®)**

mm	Stock No.	Length, mm
10–11	<b>BDOEM1011</b>	145
12–13	<b>BDOEM1213</b>	165
14–15	<b>BDOEM1415</b>	185
16–17	<b>BDOEM1617</b>	185
18–19	<b>BDOEM1819</b>	227

**Standard, inches (Blue-Point®)**

Open End	Stock No.	Length, inches
5/16–3/8	<b>BDOE1012</b>	5-5/16
7/16–1/2	<b>BDOE1416</b>	6-1/2
9/16–5/8	<b>BDOE1820</b>	7-9/32
11/16–3/4	<b>BDOE2224</b>	8-15/16

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 †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® FLARE NUT

WRENCHES



**RXSM605B**

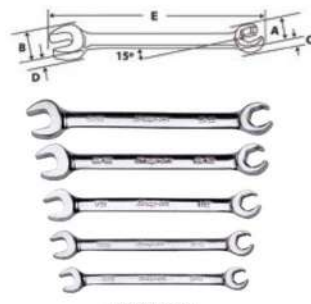
## Open End and Flare Nut, mm

Set Contains: **RXSM605B**

mm	6	A	B	C	D	E	6
8	RXSM8B	17	17	7	7	135	
9	RXSM9B	18	19	7	7	144	
10	RXSM10B	20	21	8	8	152	•
11	RXSM11B	21	23	9	9	162	•
12	RXSM12B	22	25	9	9	169	•
13	RXSM13B	24	27	9	9	178	•
14	RXSM14B	25	29	10	10	186	•
15	RXSM15B	26	31	10	10	194	
16	RXSM16B	27	33	11	11	202	
17	RXSM17B	29	35	11	11	211	
18	RXSM18B	30	37	12	12	219	
19	RXSM19B	32	39	12	12	228	
20	RXSM20B	33	41	13	13	235	

Set includes storage tray

ASME®/ANSI® B107.100



**RXS605B**

## Open End and Flare Nut, inches

Set Contains: **RXS605B**

II	6	12	A	B	C	D	E	6
3/8	RXS12B	—	3/4	25/32	5/16	5/16	5-27/32	•
7/16	RXS14B	RXS14BS	27/32	29/32	11/32	11/32	6-3/8	•
1/2	RXS16B	—	29/32	1-1/16	3/8	3/8	6-7/8	•
9/16	RXS18B	—	1	1-5/32	13/32	13/32	7-13/32	•
5/8	RXS20B	—	1-3/32	1-5/16	7/16	7/16	7-15/16	•
11/16	—	RXS22BS	1-5/32	1-13/32	15/32	15/32	8-15/32	
3/4	—	RXS24BS	1-1/4	1-9/16	1/2	1/2	9	

Set includes storage tray

ASME® B107.100



**RXFMS606B**

## Double End Flare Nut, mm

Set Contains: **RXFMS606B**

mm	6	A	C	E	6
7-8	RXFMS78B	15-17	6-7	123	
9-11	RXFMS911B	18-21	7-8	145	•
10-12	RXFMS1012B	20-22	8-9	153	•
13-14	RXFMS1314B	24-25	9-10	173	•
15-17	RXFMS1517B	26-29	10-11	193	•
16-18	RXFMS1618B	28-30	11-12	200	•
19-21	RXFMS1921B	32-34	12-13	223	•

Set includes storage tray

ASME® B107.100



**RXFS605B**

## Double End Flare Nut, inches

Set Contains: **RXFS605B**

II	6	A	C	E	6
1/4-5/16	RXFS810B	19/32-21/32	1/4-9/32	4-27/32	•
3/8-7/16	RXFS1214B	3/4-27/32	5/16-11/32	5-13/16	•
1/2-9/16	RXFS1618B	29/32-1	3/8-13/32	6-13/16	•
5/8-11/16	RXFS2022B	1-3/32-1-5/32	7/16-15/32	7-3/4	•
3/4-13/16	RXFS2426B	1-1/4-1-5/16	1/2-17/32	8-25/32	•
3/4-7/8	RXFS2428B	1-1/4-1-27/64	1/2-5/8	9-1/2	
3/4-1	RXFS2432B	1-1/4-1-9/16	1/2-5/8	9-1/2	
7/8-1-1/8	RXFS2836B	1-13/32-1-3/4	9/16-11/16	10-1/2	

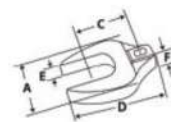
Set includes storage tray

ASME® B107.100



## Flank Drive® Plus, Open End, inches

	Stock No.	A	C	D	E	F
7/16	<b>TMCOS14</b>	29/32	5/8	1-5/32	5/16	5/16
1/2	<b>TMCOS16</b>	1-1/16	21/32	1-15/64	5/16	5/16
9/16	<b>TMCOS18</b>	1-5/32	11/16	1-19/64	5/16	5/16

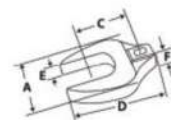


## Open End, mm

	Stock No.	A	C	D	E	F	
7	<b>TMCOM7</b>	13.5	13.2	24.4	6.6	6.6	•
8	<b>TMCOM8</b>	16.8	14.1	25.9	6.6	6.6	•
10	<b>TMCOM10</b>	19.8	14.6	27.5	6.6	6.6	•
11	<b>TMCOM11</b>	22.4	16.0	29.4	7.9	7.9	•
12	<b>TMCOM12</b>	24.4	16.5	30.6	7.9	7.9	•
13	<b>TMCOM13</b>	26.4	16.6	31.2	7.9	7.9	•
14	<b>TMCOM14</b>	29.0	17.7	32.9	7.9	7.9	•

Set Contains:

**107TMCOM**



Set includes storage tray

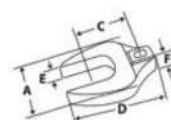
ASME® B107.21

## Open End, inches

	Stock No.	A	C	D	E	F	
1/4	<b>TMCO8</b>	17/32	17/32	31/32	1/4	1/4	•
5/16	<b>TMCO10</b>	21/32	9/16	1-1/32	1/4	1/4	•
3/8	<b>TMCO12</b>	25/32	19/32	1-3/32	1/4	1/4	•
7/16	<b>TMCO14</b>	7/8	5/8	1-5/32	5/16	5/16	•
1/2	<b>TMCO16</b>	1-1/32	21/32	1-1/4	5/16	5/16	•
9/16	<b>TMCO18</b>	1-1/8	11/16	1-9/32	5/16	5/16	•

Set Contains:

**106TMCO**



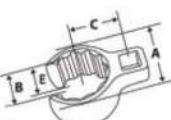
Set includes storage tray

ASME® B107.21

## Flank Drive® Flare Nut/Shallow, 12-Point, inches

	Stock No.	A	B	C	E	Maximum Recommended Working Torque, in-lb
1/4	<b>TMRX8</b>	13/32	1/8	31/32	1/4	75
5/16	<b>TMRX10</b>	1/2	3/16	31/32	1/4	75
3/8	<b>TMRX12</b>	19/32	1/4	31/32	1/4	75

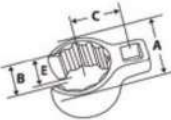
ASME® B107.21



## Flank Drive® Flare Nut/Deep, 12-Point, inches

		A	B	C	E	Maximum Recommended Working Torque, in-lb
3/8	<b>AN85086B</b>	19/32	9/32	1/2	1/2	75
7/16	<b>AN85087B</b>	11/16	11/32	9/16	9/16	200
1/2	<b>AN85088B</b>	25/32	13/32	19/32	9/16	200
9/16	<b>AN85089B</b>	27/32	15/32	5/8	9/16	200

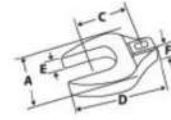
ASME® B107.21



# 3/8" DRIVE CROWFOOT WRENCHES

## Flank Drive® Plus/Open End, inches

	Stock No.	A	C	D	E	F
5/8	<b>FCOS20</b>	1-1/4	27/32	1-19/32	7/32	17/32
3/4	<b>FCOS24</b>	1-17/32	1	1-29/32	1/4	17/32
15/16	<b>FCOS30</b>	2	1-1/8	2-1/8	23/64	43/64
1-1/16	<b>FCOS34</b>	2	1-3/32	2-1/8	23/64	43/64



**WARNING**



- Use only moderate force on Flare Nut wrenches.
- Use only moderate force on Crowfoot wrenches.
- Read Safety Precautions on pages W1-W4

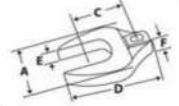
# 3/8" DRIVE CROWFOOT WRENCHES



214FC



211GFCO



## Open End, Inches, Chrome

Stock No.	Industrial Stock No.	A	C	D	E	F	Maximum Recommended Working Torque, in-lb	Set Contains:					
								242FC	226FC	214FC	211FCOA*	211GFCO	
3/8	FC012A	GFC012A	7/8	23/32	1-19/64	7/32	33/64	80					
7/16	FC014A	GFC014A	7/8	21/32	1-17/64	7/32	33/64	110	•	•	•	•	•
1/2	FC016A	GFC016A	1-1/32	51/64	1-29/64	7/32	33/64	140	•	•	•	•	•
9/16	FC018A	GFC018A	1-1/4	15/16	1-5/8	7/32	33/64	165	•	•	•	•	•
5/8	FC020A	GFC020A	1-1/4	7/8	1-19/32	7/32	33/64	210	•	•	•	•	•
11/16	FC022A	GFC022A	1-33/64	1-3/32	1-59/64	1/4	33/64	250	•	•	•	•	•
3/4	FC024A	GFC024A	1-33/64	1-1/32	1-57/64	1/4	33/64	290	•	•	•	•	•
13/16	FC026A	GFC026A	1-23/32	1-3/32	2	9/32	19/32	335	•	•	•	•	•
7/8	FC028A	GFC028A	1-23/32	1-3/64	1-31/32	9/32	19/32	375	•	•	•	•	•
15/16	FC030A	GFC030A	2	1-5/32	2-1/8	11/32	21/32	420	•	•	•	•	•
1	FC032A	GFC032A	2	1-1/8	2-3/32	11/32	21/32	460	•	•	•	•	•
1-1/16	FC34B		2	1-9/64	2	11/32	21/32	500	•	•	•		
1-1/8	FC36A		2	1-11/64	2	23/64	39/64	560	•	•	•		
1-3/16	FC38A		2	1-13/64	2-1/16	23/64	39/64	615	•	•	•		
1-1/4	FC40A		2-5/32	1-1/4	2-7/32	23/64	41/64	670	•	•	•		
1-5/16	FC42A		2-5/32	1-9/32	2-7/32	23/64	41/64	725	•	•			
1-3/8	FC44A		2-23/64	1-5/16	2-3/8	23/64	41/64	780	•	•			
1-7/16	FC46A		2-23/64	1-23/64	2-3/8	23/64	41/64	840	•	•			
1-1/2	FC48A		2-17/32	1-25/64	2-1/2	23/64	41/64	895	•	•			
1-9/16	FC50A		2-17/32	1-27/64	2-1/2	23/64	41/64	950	•	•			
1-5/8	FC52A		2-21/32	1-29/64	2-19/32	23/64	41/64	1,005	•	•			
1-11/16	FC54A		2-21/32	1-1/2	2-19/32	23/64	41/64	1,060	•	•			
1-3/4	FC56A		2-7/8	1-17/32	2-3/4	23/64	41/64	1,120	•	•			
1-13/16	FC58A		2-7/8	1-9/16	2-3/4	23/64	41/64	1,175	•	•			
1-7/8	FC60A		3-5/32	1-19/32	2-55/64	23/64	41/64	1,230	•	•			
1-15/16	FC62A		3-5/32	1-21/32	2-55/64	23/64	41/64	1,230	•	•			
2	FC64A		3-13/32	1-47/64	3	31/64	45/64	1,230	•	•			
2-1/16	FC66A		3-13/32	1-25/32	3	31/64	45/64	1,230	•	•			
2-1/8	FC68A		3-19/32	1-13/16	3-3/16	31/64	45/64	1,230	•	•			
2-3/16	FC70A		3-19/32	1-27/32	3-3/16	31/64	45/64	1,230	•	•			
2-1/4	FC72A		3-27/32	1-15/16	3-7/16	31/64	45/64	1,230	•	•			
2-5/16	FC74A		3-27/32	1-15/16	3-7/16	31/64	45/64	1,230	•	•			
2-3/8	FC76A		4-1/8	2-5/64	3-11/16	31/64	45/64	1,230	•	•			
2-7/16	FC78A		4-1/8	2-1/8	3-11/16	31/64	45/64	1,240	•	•			
2-1/2	FC80A		4-9/32	2-11/64	3-13/16	31/64	45/64	1,280	•	•			
2-9/16	FC82A		4-9/32	2-11/64	3-13/16	31/64	45/64	1,325	•	•			
2-5/8	FC84A		4-17/32	2-21/64	4-1/16	31/64	45/64	1,405	•	•			
2-11/16	FC86A		4-17/32	2-3/8	4-1/16	31/64	45/64	1,460	•	•			
2-3/4	FC88A		4-23/32	2-7/16	4-1/4	31/64	45/64	1,520	•	•			
2-13/16	FC90A		4-23/32	2-17/32	4-1/4	31/64	45/64	1,660	•	•			
2-7/8	FC92A		5-3/32	2-41/64	4-9/16	31/64	45/64	1,705	•	•			
2-15/16	FC94A		5-3/32	2-43/64	4-9/16	31/64	45/64	1,760	•	•			
3	FC96A		5-3/32	2-23/32	4-1/2	31/64	45/64	1,760	•	•			

\*Set includes storage tray

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