



OPEN END

WRENCHES

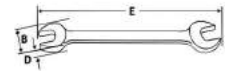
Low Torque Slimline, 15° Offset, mm

Set Contains: **LTAM811**

mm	Stock No.	B	D	E	
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	•

ASME®/ANSI® B107.100

Set includes storage bag



LTAM811

Low Torque Slimline, 15° Offset, inches

Set Contains: **LTA812** **LTA805K**

II	Stock No.	B	D	E	
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	•

ASME® B107.100

Sets includes storage bag



LTA805K

Ignition, 15/60° Offset, mm

Set Contains: **DSM810K**

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

ASME®/ANSI® B107.100

Set includes storage bag



DSM810K

Ignition, 15°/60° Offset, inches

Set Contains: **DS809K** **DS806AK**

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

ASME®/ANSI® B107.100

Sets includes storage bag



DS809K



- Use only moderate force on slimline wrenches
- Do not use "cheater bars" on handles
- Read safety precautions on pages W1 to W4

OPEN END



VSM807B

Four Way Angle Head, mm

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

mm	Stock No.	B	D	E	Set Contains:	
					VSM814**	VSM807B*
10	VSM5210B	20	6	127		
11	VSM5211B	22	6	137	•	•
12	VSM5212B	24	6	145	•	•
13	VSM5213B	26	6	154	•	•
14	VSM5214B	28	6	164	•	•
15	VSM5215B	30	7	173	•	•
16	VSM5216B	31	7	181	•	•
17	VSM5217B	34	7	191	•	•
18	VSM5218B	36	7	200	•	•
19	VSM5219B	37	7	210	•	•
21	VSM5221B	41	8	228	•	•
22	VSM5222B	44	8	239	•	•
24	VSM5224B	47	8	254	•	•
27	VSM5227B	53	9	283	•	•

ASME® B107.100

*Set includes storage tray

**Set includes storage bag



GVS24B



VS807B

Four Way Angle Head, inches

Inches	Stock No.	Industrial Stock No.	B	D	E	Set Contains:		
						VS828A**	VS814A**	VS807B*
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	—	25/32	7/32	4-27/32	•	•	•
7/16	VS14B	—	7/8	7/32	5-13/32	•	•	•
1/2	VS16B	GVS16B	1	1/4	5-31/32	•	•	•
9/16	VS18B	GVS18B	1-1/8	1/4	6-9/16	•	•	•
5/8	VS20B	GVS20B	1-1/4	9/32	7-1/8	•	•	•
11/16	VS22B	GVS22B	1-3/8	9/32	7-11/16	•	•	•
3/4	VS24B	GVS24B	1-15/32	9/32	8-9/32	•	•	•
13/16	VS26B	GVS26B	1-19/32	5/16	8-27/32	•	•	
7/8	VS28B	GVS28B	1-23/32	5/16	9-13/32	•	•	
15/16	VS30B	GVS30B	1-27/32	11/32	10	•	•	
1	VS32B	GVS32B	1-31/32	11/32	10-9/16	•	•	
1-1/16	VS34B	—	2-3/32	11/32	11-1/8	•	•	
1-1/8	VS36B	—	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	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	•		

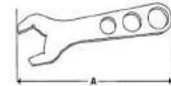
ASME® B107.100

*Set includes storage tray

**Sets includes storage bag

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 exacting tolerances
- Corner reliefs on open end prevent rounding the corners of the fitting
- Handle length designed to apply appropriate torque without overtightening
- Wrenches are color coded and stamped for quick size identification
- All wrenches are .36" thick


ANWR708A

#	Size	Stock No.	Color	Overall Length, inches (mm)	
No. 3	1/2	ANWR3A	Silver	4 (101.6)	•
No. 4	9/16	ANWR4A	Black	4-3/4 (120.7)	•
No. 6	11/16	ANWR6A	Light Blue	5-3/4 (146.1)	•
No. 8	7/8	ANWR8A	Pink	5-3/4 (146.1)	•
No. 10	1	ANWR10A	Gold	7-1/8 (181.0)	•
No. 12	1-1/4	ANWR12A	Red	7-1/2 (190.5)	•
No. 16	1-1/2	ANWR16A	Brass	8-3/4 (222.3)	•
No. 20	1-13/16	ANWR20A	Dark Blue	9-1/4 (237.0)	•

Set includes heavy gauge vinyl pouch

 Set Contains: **ANWR708A**
OPEN END BLUE-POINT®

BDOEM1415

BDOE1820
Standard, mm, (Blue-Point®)

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

Standard, inches, (Blue-Point®)

Size	Stock No.	Length, inches
5/16-3/8	BDOE1012	5-5/16
7/16-1/2	BDOE1416	6-1/2
9/16-5/8	BDOE1820	7-9/32
11/16-3/4	BDOE2224	8-15/16

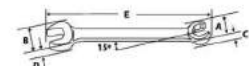
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FLANK DRIVE® FLARE NUT
Open End and Flare Nut, mm

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	

ASME® B107.100

Set includes storage tray


RXSM10B


- Use only moderate force on flare nut wrenches
- Do not use "cheater bars" on handles
- Read safety precautions on pages W1 to W4

FLANK DRIVE® FLARE NUT



RXS605B

Open End and Flare Nut, inches

Set Contains:

RXS605B

	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	

ASME® B107.100

Set includes storage tray



RXFMS606B

Double End Flare Nut, mm

Set Contains:

RXFMS606B

mm	6	A-B	C-D	E	6
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	•

ANSI® B107.100

Set includes storage tray



RXFS605B

Double End Flare Nut, inches

Set Contains:

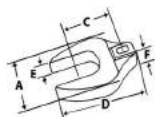
RXFS605B

	6	A-B	C-D	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	

ANSI® B107.100

Set includes storage tray

CROWFOOT WRENCHES, 1/4" DRIVE



TMCOS16

Flank Drive® Plus, Open End, inches

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



CROWFOOT WRENCHES, 1/4" DRIVE

WRENCHES

Open End, mm

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

ASME® B107.21

Set Contains:

107TMCOM



107TMCOM

Open End, inches

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

ASME® B107.21

Set Contains:

106TMCO

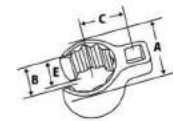


106TMCO

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

		A	B	C	E	Maximum Recommended Working Torque, in-lb
1/4	TMRX8	13/32	1/8	31/32	1/4	75
5/16	TMRX10	1/2	3/16	31/32	1/4	75
3/8	TMRX12	19/32	1/4	31/32	1/4	75

ASME® B107.21



TMRX12

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

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

ASME® B107.21



AN85088B

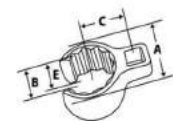
CROWFOOT WRENCHES, 3/8" DRIVE

Flank Drive® Plus, Open End, inches

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

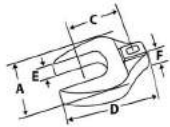


FCOS24



- Use only moderate force on crowfoot and flare nut wrenches
- Do not use "cheater bars" on handles
- Read safety precautions on pages W1 to W4

CROWFOOT WRENCHES, 3/8" DRIVE



214FC



211GFCO

Open End, inches, chrome

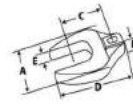
	Stock No.	Industrial Stock No.	A	C	E	F	D	Maximum Recommended Working Torque, in-lb	Set Contains:				
									242FC	226FC	214FC	211FCOA	211GFCO
3/8	FC012A	GFC012A	7/8	23/32	7/32	33/64	1-19/64	175					
7/16	FC014A	GFC014A	7/8	21/32	7/32	33/64	1-17/64	250	•	•	•	•	•
1/2	FC016A	GFC016A	1-1/32	51/64	7/32	33/64	1-29/64	300	•	•	•	•	•
9/16	FC018A	GFC018A	1-1/4	15/16	7/32	33/64	1-5/8	400	•	•	•	•	•
5/8	FC020A	GFC020A	1-1/4	7/8	7/32	33/64	1-19/32	500	•	•	•	•	•
11/16	FC022A	GFC022A	1-33/64	1-3/32	1/4	33/64	1-59/64	650	•	•	•	•	•
3/4	FC024A	GFC024A	1-33/64	1-1/32	1/4	33/64	1-57/64	850	•	•	•	•	•
13/16	FC026A	GFC026A	1-23/32	1-3/32	9/32	19/32	2	1,050	•	•	•	•	•
7/8	FC028A	GFC028A	1-23/32	1-3/64	9/32	19/32	1-31/32	1,250	•	•	•	•	•
15/16	FC030A	GFC030A	2	1-5/32	11/32	21/32	2-1/8	1,400	•	•	•	•	•
1	FC032A	GFC032A	2	1-1/8	11/32	21/32	2-3/32	1,600	•	•	•	•	•
1-1/16	FC34B	—	2	1-9/64	11/32	21/32	2	1,650	•	•	•		
1-1/8	FC36A	—	2	1-11/64	23/64	39/64	2	1,700	•	•	•		
1-3/16	FC38A	—	2	1-13/64	23/64	39/64	2-1/16	1,750	•	•	•		
1-1/4	FC40A	—	2-5/32	1-1/4	23/64	41/64	2-7/32	1,750	•	•	•		
1-5/16	FC42A	—	2-5/32	1-9/32	23/64	41/64	2-7/32	1,750	•	•			
1-3/8	FC44A	—	2-23/64	1-5/16	23/64	41/64	2-3/8	1,800	•	•			
1-7/16	FC46A	—	2-23/64	1-23/64	23/64	41/64	2-3/8	1,800	•	•			
1-1/2	FC48A	—	2-17/32	1-25/64	23/64	41/64	2-1/2	1,800	•	•			
1-9/16	FC50A	—	2-17/32	1-27/64	23/64	41/64	2-1/2	1,800	•	•			
1-5/8	FC52A	—	2-21/32	1-29/64	23/64	41/64	2-19/32	1,800	•	•			
1-11/16	FC54A	—	2-21/32	1-1/2	23/64	41/64	2-19/32	1,800	•	•			
1-3/4	FC56A	—	2-7/8	1-17/32	23/64	41/64	2-3/4	1,800	•	•			
1-13/16	FC58A	—	2-7/8	1-9/16	23/64	41/64	2-3/4	1,800	•	•			
1-7/8	FC60A	—	3-5/32	1-19/32	23/64	41/64	2-55/64	1,800	•	•			
1-15/16	FC62A	—	3-5/32	1-21/32	23/64	41/64	2-55/64	1,040	•	•			
2	FC64A	—	3-13/32	1-47/64	31/64	45/64	3	1,800	•	•			
2-1/16	FC66A	—	3-13/32	1-25/32	31/64	45/64	3	1,800	•	•			
2-1/8	FC68A	—	3-19/32	1-13/16	31/64	45/64	3-3/16	1,800	•	•			
2-3/16	FC70A	—	3-19/32	1-27/32	31/64	45/64	3-3/16	1,275	•	•			
2-1/4	FC72A	—	3-27/32	1-15/16	31/64	45/64	3-7/16	1,800	•	•			
2-5/16	FC74A	—	3-27/32	1-15/16	31/64	45/64	3-7/16	1,800	•	•			
2-3/8	FC76A	—	4-1/8	2-5/64	31/64	45/64	3-11/16	1,800	•	•			
2-7/16	FC78A	—	4-1/8	2-1/8	31/64	45/64	3-11/16	1,800	•	•			
2-1/2	FC80A	—	4-9/32	2-11/64	31/64	45/64	3-13/16	1,800	•	•			
2-9/16	FC82A	—	4-9/32	2-11/64	31/64	45/64	3-13/16	1,800	•	•			
2-5/8	FC84A	—	4-17/32	2-21/64	31/64	45/64	4-1/16	1,800	•	•			
2-11/16	FC86A	—	4-17/32	2-3/8	31/64	45/64	4-1/16	1,800	•	•			
2-3/4	FC88A	—	4-23/32	2-7/16	31/64	45/64	4-1/4	1,900	•	•			
2-13/16	FC90A	—	4-23/32	2-17/32	31/64	45/64	4-1/4	2,075	•	•			
2-7/8	FC92A	—	5-3/32	2-41/64	31/64	45/64	4-9/16	2,075	•	•			
2-15/16	FC94A	—	5-3/32	2-43/64	31/64	45/64	4-9/16	2,200	•	•			
3	FC96A	—	5-3/32	2-23/32	31/64	45/64	4-1/2	2,200	•	•			

ASME®/ANSI® B107.100



CROWFOOT WRENCHES, 3/8" DRIVE

WRENCHES



Open End, mm, chrome

210FCOMA

Set Contains:

216FCOM

210FCOMA*

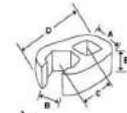
mm	Stock No.	A	C	E	F	D	Maximum Recommended Working Torque, in-lb		
9	FCOM9A	22.4	18.8	5.3	13.2	33.3	150	•	
10	FCOM10A	22.4	17.6	5.3	13.2	33.0	200	•	•
11	FCOM11A	22.4	16.6	5.3	13.2	32.3	250	•	•
12	FCOM12A	26.2	21.0	5.3	13.2	37.3	275	•	•
13	FCOM13A	26.2	19.8	5.3	13.2	36.8	300	•	•
14	FCOM14A	26.2	18.6	5.3	13.2	36.1	325	•	•
15	FCOM15A	31.8	22.7	5.3	13.2	40.9	400	•	•
16	FCOM16A	31.8	21.7	5.3	13.2	40.4	450	•	•
17	FCOM17A	31.8	20.5	5.3	13.2	39.9	500	•	•
18	FCOM18A	38.4	27.2	6.4	13.2	48.5	650	•	•
19	FCOM19A	38.4	26.2	6.4	13.2	48.0	750	•	•
20	FCOM20A	38.4	25.0	6.4	13.2	48.0	850	•	•
21	FCOM21A	43.7	27.4	7.1	15.0	48.8	1050	•	•
22	FCOM22A	43.7	26.4	7.1	15.0	50.0	1250	•	•
23	FCOM23A	50.5	30.1	8.9	16.8	54.4	1400	•	•
24	FCOM24A	50.5	28.8	8.9	16.8	53.8	1600	•	•

ASME® B107.21

*Set includes storage tray



210FRHMA



Flank Drive® Flare Nut, mm, 6-Point

Set Contains:

210FRHMA

mm	6	A	B	C	D	E	Maximum Recommended Working Torque, in-lb	6
9	FRHM9	22.4	6.7	14.2	33.3	9.7	220	
10	FRHM10	22.9	7.4	14.2	35.3	9.7	265	•
11	FRHM11	22.9	8.3	14.2	35.3	9.7	310	•
12	FRHM12	25.4	9.0	14.2	36.6	9.7	355	•
13	FRHM13	25.4	9.4	14.2	36.6	9.7	400	•
14	FRHM14	28.4	10.5	18.8	40.9	11.2	485	•
15	FRHM15	28.4	11.2	18.8	40.9	11.2	575	•
16	FRHM16	28.4	11.7	18.8	40.9	11.2	665	•
17	FRHM17	33.3	12.6	20.6	44.7	12.7	750	•
18	FRHM18	33.3	13.6	20.6	44.7	12.7	840	•
19	FRHM19	33.3	14.7	20.6	44.7	12.7	930	•
20	FRHM20	41.1	15.2	22.1	50.3	14.2	1060	•
21	FRHM21	41.1	16.3	22.1	50.3	14.2	1150	•
22	FRHM22	41.1	17.0	22.1	50.3	14.2	1285	•

ASME® B107.21

Set includes storage tray



207SFRH

Flank Drive® Flare Nut, inches, 6-Point

Set Contains:

207SFRH

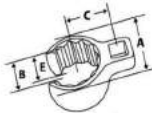
in	6	A	B	C	D	E	Maximum Recommended Working Torque, in-lb	6
3/8	FRH120S	13/32	1/4	9/16	1-11/32	3/8	240	•
7/16	FRH140S	29/32	5/16	9/16	1-13/32	3/8	320	•
1/2	FRH160S	1	11/32	9/16	1-7/16	3/8	400	•
9/16	FRH180S	1-1/8	3/8	3/4	1-5/8	7/16	510	•
5/8	FRH200S	1-1/8	7/16	3/4	1-5/8	7/16	625	•
11/16	FRH220S	1-5/16	1/2	13/16	1-25/32	1/2	750	•
3/4	FRH240S	1-5/16	9/16	13/16	1-25/32	1/2	880	•
13/16	FRH260S	1-5/8	5/8	7/8	1-31/32	9/16	1025	•
7/8	FRH280S	1-5/8	23/32	7/8	1-31/32	9/16	1180	•
15/16	FRH300S	1-7/8	11/16	15/16	2-3/16	5/8	1280	•
1	FRH320S	1-7/8	3/4	15/16	2-3/16	5/8	1480	•

ASME® B107.21

Set includes storage tray



205ANM



Flank Drive® Flare Nut, Deep, mm, 12-Point

Set Contains:

205ANM

mm	12	A	B	C	E	
12	ANM12	18.9	8.3	16.3	15.0	•
13	ANM13	21.2	9.7	17.7	15.0	•
14	ANM14	21.2	10.5	17.7	15.0	•
17	ANM17	26.6	13.0	19.7	19.1	•
19	ANM19	29.0	14.6	20.9	19.8	•

Set includes storage tray



208AN

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

Set Contains:

208AN

in	12	A	B	C	E	Maximum Recommended Working Torque, in-lb	12
5/8	AN850810B	15/16	1/2	23/32	23/32	250	•
11/16	AN850811B	1-1/32	17/32	25/32	23/32	310	•
3/4	AN850812B	1-1/8	9/16	13/16	3/4	450	•
13/16	AN850813B	1-7/32	5/8	7/8	3/4	450	•
7/8	AN850814B	1-5/16	25/32	15/16	25/32	625	•
—	AN850815B	1-3/8	3/4	31/32	25/32	625	•
1	AN850816B	1-7/16	3/4	1	13/16	625	•
1-1/16	AN850817B	1-17/32	25/32	1-1/32	13/16	625	•

ASME®ANSI® B107.21

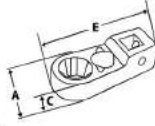


- Use only moderate force on crowfoot and flare nut wrenches
- Read safety precautions on pages W1 to W4

CROWFOOT WRENCHES, 3/8" DRIVE



BFCRM712A



Set Contains:
BFCRM712A

Ratcheting, mm (Blue-Point®)

mm		A	C	E	
8	BFCRM8A	17.8	6.5	49.3	•
9	BFCRM9A	19.5	7.4	50.8	•
10	BFCRM10A	21.5	8.0	53.8	•
11	BFCRM11A	22.0	8.5	53.8	•
12	BFCRM12A	23.5	9.0	57.2	•
13	BFCRM13A	25.0	10.0	57.2	•
14	BFCRM14A	27.0	10.0	60.3	•
15	BFCRM15A	28.5	11.0	63.5	•
16	BFCRM16A	30.5	11.0	66.7	•
17	BFCRM17A	34.5	12.0	68.3	•
18	BFCRM18A	36.5	12.0	71.4	•
19	BFCRM19A	36.5	12.9	73.0	•



BFCR708A

Set Contains:
BFCR708A

Ratcheting, inches (Blue-Point®)

		A	C	E	
5/16	BFCR10A	11/16	1/4	2	•
3/8	BFCR12A	27/32	5/16	2-1/8	•
7/16	BFCR14A	7/8	11/32	2-1/8	•
1/2	BFCR16A	31/32	13/32	2-1/4	•
9/16	BFCR18A	1-1/16	13/32	2-3/8	•
5/8	BFCR20A	1-3/16	7/16	2-5/8	•
11/16	BFCR22A	1-1/4	15/32	2-5/8	•
3/4	BFCR24A	1-7/16	1/2	2-7/8	•

*Set includes FXLBP10 – 10' locking extension

Set includes storage tray



ADCF8

Adjustable, inches/mm

ADCF8 3/8" Drive Adjustable Crowfoot Wrench (0–29 mm)

- Metric and SAE scales
- Opening range from 0–1.14" (0–29 mm)
- Lateral side nut designed to work on difficult access fasteners and minimize dirt accumulation



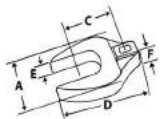
A277

Crowfoot Wrench Holder

A277 3/8" Crowfoot Holder

- Organize and store your crowfoot wrenches
- Two-piece design snaps apart for access to desired size
- 8-3/4" long

CROWFOOT WRENCHES, 1/2" DRIVE



SCOM32

Open End, mm

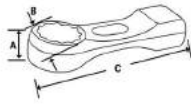
mm		A	C	E	F	Maximum Recommended Working Torque, in-lb
20	SCOM20	40.4	42.9	7.8	15.9	1,400
21	SCOM21	40.4	42.9	7.8	15.9	1,500
22	SCOM22	44.7	44.5	8.2	15.9	1,500
23	SCOM23	48.0	44.5	8.9	15.9	1,600
24	SCOM24	46.7	44.5	8.5	15.9	1,800
25	SCOM25	51.1	45.2	8.9	15.9	1,800
26	SCOM26	53.1	45.2	9.2	15.9	1,800
27	SCOM27	53.1	44.5	9.2	15.9	2,000
28	SCOM28	53.1	43.6	9.2	15.9	2,100
30	SCOM30	59.7	44.5	9.9	15.9	2,200
32	SCOM32	62.7	50.0	10.3	15.9	2,300
34	SCOM34	62.7	51.6	10.3	15.9	2,400
35	SCOM35	69.1	50.8	11.0	15.9	2,500
36	SCOM36	69.1	50.0	11.0	15.9	2,600
38	SCOM38	75.4	50.8	11.8	15.9	2,900
40	SCOM40	75.4	51.6	11.8	15.9	3,000
41	SCOM41	81.8	50.8	12.5	15.9	3,400
42	SCOM42	81.8	50.0	12.5	15.9	3,400
46	SCOM46	91.2	51.2	13.5	15.9	4,100
50	SCOM50A	100.8	53.8	14.6	16.1	—

HEAVY DUTY STRIKING WRENCHES



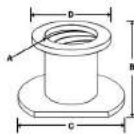
Flank Drive® Straight Handle Sledge Hammer, inches, 12-Point

Set Contains: **DX634**



			A	B	C	
1-3/16	30	DX138A	7/8	2-3/32	7-35/64	•
1-1/4	32	DX140A	7/8	2-3/32	7-35/64	•
1-5/16	33	DX142A	7/8	2-3/32	7-35/64	•
1-3/8	35	DX144A	61/64	2-17/64	7-41/64	•
1-7/16	36	DX146A	61/64	2-17/64	7-41/64	•
1-1/2	38	DX148A	61/64	1-17/64	7-41/64	•
1-5/8	41	DX152A	1-9/64	2-5/8	7-53/64	•
1-11/16	43	DX154A	1-9/64	2-5/8	7-53/64	•
1-3/4	44	DX156A	1-7/32	2-13/16	7-29/32	•
1-13/16	46	DX158A	1-7/32	2-13/16	7-29/32	•
1-7/8	47	DX160A	1-7/32	2-13/16	7-29/32	•
—	50	DXM50	1-13/32	3-11/64	11-19/32	•
2	51	DX164A	1-13/32	3-11/64	11-19/32	•
2-1/16	52	DX166A	1-13/32	3-11/64	11-19/32	•
2-3/16	55	DX170A	1-17/32	3-29/64	11-47/64	•
2-1/4	57	DX172A	1-17/32	3-29/64	11-47/64	•
2-3/8	60	DX176A	1-21/32	3-23/32	11-55/64	•
2-7/16	62	DX178A	1-21/32	3-23/32	11-55/64	•
2-1/2	63	DX180A	1-21/32	3-23/32	11-55/64	•
2-9/16	65	DX182A	1-51/64	3-63/64	13	•
2-5/8	67	DX184A	1-51/64	3-63/64	13	•
2-3/4	70	DX188A	1-59/64	4-17/64	14-17/64	•
2-13/16	71	DX190A	1-59/64	4-17/64	14-17/64	•
2-15/16	75	DX194A	2-3/64	4-17/32	14-13/32	•
3	76	DX196A	2-3/64	4-17/32	14-13/32	•
3-1/8	79	DX1100A	2-17/64	4-29/32	17-37/64	•
3-3/8	85	DX1108A	2-17/64	4-29/32	17-37/64	•
3-1/2	89	DX1112A	2-29/64	5-19/64	17-51/64	•
3-3/4	95	DX1120A	2-21/32	5-17/32	17-51/64	•
3-7/8	98	DX1124A	2-21/32	5-17/32	17-57/64	•
4-1/8	105	DX1132A	2-59/64	6-1/32	18-9/64	•
4-1/4	108	DX1136A	2-59/64	6-1/32	18-9/64	•
4-1/2	114	DX1144A	3-5/32	6-25/32	20-1/64	•
4-5/8	117	DX1148A	3-5/32	6-25/32	20-1/64	•

ASME® B107.100



Slugging Wrench Retainers

Set Contains: **HTX100P**



HTX100P



HTX52

Stock No.	Description	A	B	C	D	
HTX24	Slugging Wrench Retainer	3/8	1-29/32	1-15/16	1-3/4	•
HTX28	Slugging Wrench Retainer	7/8	2	2-3/16	1-29/32	•
HTX32	Slugging Wrench Retainer	1	2-1/8	2-1/2	2-1/32	•
HTX36	Slugging Wrench Retainer	1-1/8	2-1/4	2-1/2	2-5/32	•
HTX40	Slugging Wrench Retainer	1-1/4	2-3/8	2-7/8	2-9/32	•
HTX44	Slugging Wrench Retainer	1-3/8	2-15/32	3-1/8	2-3/8	•
HTX48	Slugging Wrench Retainer	1-1/2	2-5/8	3-1/8	2-1/2	•
HTX52	Slugging Wrench Retainer	1-5/8	2-3/4	3-5/8	2-21/32	•
HTX56	Slugging Wrench Retainer	1-3/4	2-7/8	3-7/8	2-3/4	•
HTX60	Slugging Wrench Retainer	1-7/8	3	4-1/2	2-7/8	•



CROWFOOT WRENCHES, 1/2" DRIVE

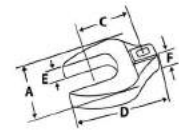
WRENCHES

Open End, inches

Set Contains: 314SCO

Open End, inches	Part No.	A	C	E	F	Maximum Recommended Working Torque, in-lb	
15/16	SC030	1-27/32	1-15/32	11/32	5/8	1,800	
1	SC032	1-31/32	1-11/16	23/64	5/8	1,900	
1-1/16	SC034	2-3/32	1-3/4	3/8	5/8	2,000	•
1-1/8	SC036	2-7/32	1-3/4	3/8	5/8	2,100	•
1-3/16	SC038	2-11/32	1-3/4	13/32	5/8	2,200	•
1-1/4	SC040	2-15/32	2	13/32	5/8	2,300	•
1-5/16	SC042	2-19/32	2	7/16	5/8	2,400	•
1-3/8	SC044	2-23/32	2	7/16	5/8	2,500	•
1-7/16	SC046	2-27/32	2	7/16	5/8	2,600	•
1-1/2	SC048	2-31/32	2	15/32	5/8	2,900	•
1-9/16	SC050	2-31/32	1-31/32	15/32	5/8	3,000	
1-5/8	SC052	3-7/32	1-31/32	1/2	5/8	3,400	•
1-11/16	SC054	3-11/32	2-3/16	1/2	5/8	3,700	•
1-3/4	SC056	3-15/32	2-3/16	17/32	5/8	3,900	•
1-13/16	SC058	3-19/32	2-3/16	17/32	5/8	4,100	•
1-7/8	SC060	3-23/32	2-3/16	9/16	5/8	4,300	•
2	SC064	3-31/32	2-7/32	9/16	5/8	5,000	•
2-1/8	SC068	3-31/32	2-7/32	37/64	5/8	5,000	
2-1/4	SC072	3-31/32	2-13/32	37/64	5/8	5,000	
2-3/8	SC076	4-3/8	2-31/64	19/32	5/8	5,000	
2-7/16	SC078	4-3/8	2-7/16	19/32	5/8	5,000	
2-1/2	SC080	4-3/8	2-13/32	19/32	5/8	5,000	

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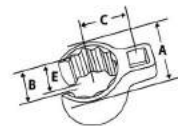
314SCO

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

Set Contains: 315AN

Open End, inches	Part No.	A	B	C	E	Maximum Recommended Working Torque, in-lb	
1-1/8	AN850818B	1-5/8	27/32	1-5/32	7/8	825	•
1-3/16	AN850819B	1-11/16	29/32	1-3/16	7/8	825	•
1-1/4	AN850820B	1-25/32	15/16	1-7/32	7/8	825	•
1-5/16	AN850821B	1-27/32	31/32	1-1/4	7/8	900	•
1-3/8	AN850822B	1-15/16	1-1/16	1-5/16	15/16	900	•
1-7/16	AN850823B	2	1-1/16	1-11/32	15/16	900	•
1-1/2	AN850824B	2-3/32	1-1/8	1-3/8	15/16	900	•
1-9/16	AN850825B	2-5/32	1-5/32	1-13/32	15/16	900	•
1-5/8	AN850826B	2-7/32	1-7/32	1-7/16	15/16	1,100	•
1-11/16	AN850827B	2-5/16	1-5/16	1-1/2	1-1/32	1,100	•
1-3/4	AN850828B	2-3/8	1-5/16	1-9/16	1-1/32	1,150	•
1-13/16	AN850829B	2-15/32	1-11/32	1-19/32	1-1/32	1,200	•
1-7/8	AN850830B	2-9/16	1-3/8	1-21/32	1-1/16	1,200	•
1-15/16	AN850831B	2-5/8	1-7/16	1-11/16	1-1/16	1,200	•
2	AN850832B	2-23/32	1-9/16	1-23/32	1-1/16	1,400	•
2-1/8	AN850834B	2-7/8	1-9/16	1-13/16	1-1/8	1,450	
2-3/16	AN850835B	2-15/16	1-21/32	1-27/32	1-1/8	1,500	
2-1/4	AN850836B	3-1/32	1-11/16	1-7/8	1-1/8	1,500	
2-3/8	AN850838B	3-3/16	1-13/16	1-31/32	1-3/16	1,600	
2-7/16	AN850839B	3-1/4	1-13/16	2	1-3/16	1,650	
2-9/16	AN850841B	3-7/16	1-29/32	2-3/32	1-9/32	1,750	
2-5/8	AN850842B	3-1/2	2-1/16	2-1/8	1-9/32	1,800	
2-11/16	AN850843B	3-19/32	2-1/16	2-5/32	1-9/32	1,800	
2-3/4	AN850844B	3-21/32	2-1/16	2-7/32	1-9/32	1,850	
3-1/8	AN850850B	4-1/8	2-5/16	2-7/16	1-5/16	2,000	

ASME® B107.21



315AN



• Use only moderate force on crowfoot and flare nut wrenches
• Read safety precautions on pages W1 to W4



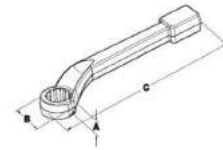
HEAVY DUTY STRIKING WRENCHES



HX400B



HX1000A



Flank Drive® Offset Handle Sledge Hammer,
inches, 12-Point

Set
Contains: DX634

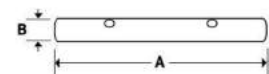
			A	B	C	
1-1/16	27	HX340A	11/16	1-5/8	10	•
1-1/8	—	HX360A	3/4	1-15/16	11	•
1-3/16	30	HX380A	3/4	1-15/16	11	•
1-1/4	32	HX400B	3/4	1-15/16	11	•
1-5/16	33	HX420A	3/4	1-15/16	11	•
1-3/8	35	HX440A	7/8	2-1/8	11-1/2	•
1-7/16	36	HX460A	7/8	2-1/8	11-1/2	•
1-1/2	38	HX480A	1	2-7/16	12	•
1-5/8	41	HX520A	1	2-7/16	12	•
1-11/16	43	HX540A	1-1/8	2-5/8	12-1/2	•
1-3/4	44	HX560A	1-1/8	2-5/8	12-1/2	•
1-13/16	46	HX580A	1-1/8	2-5/8	12-1/2	•
1-7/8	47	HX600A	1-1/4	2-7/8	13	•
1-15/16	49	HX620A	1-1/2	2-7/8	13	•
—	50	HXM50	1-1/4	2-7/8	13	•
2	51	HX640A	1-1/4	2-7/8	13	•
2-1/8	—	HX680A	1-3/8	3-1/4	13-9/16	•
2-3/16	55	HX700A	1-3/8	3-1/4	13-9/16	•
2-1/4	57	HX720A	1-3/8	3-1/4	13-9/16	•
2-5/16	59	HX740A	1-3/8	3-1/4	13-9/16	•
2-3/8	60	HX760A	1-1/2	3-5/8	14-1/8	•
2-1/2	64	HX800A	1-1/2	3-5/8	14-1/8	•
2-9/16	65	HX820A	1-1/2	3-5/8	14-1/8	•
2-5/8	67	HX840A	1-5/8	3-15/16	15	•
2-3/4	70	HX880A	1-5/8	3-15/16	15	•
2-7/8	73	HX920A	1-3/4	4-7/16	16	•
2-15/16	75	HX940A	1-3/4	4-7/16	16	•
3	76	HX960A	1-3/4	4-7/16	16	•
3-1/8	80	HX1000A	1-3/4	4-7/16	16	•
3-3/8	85	HX1080A	2	6-1/4	18-1/4	•
3-1/2	89	HX1120A	2	6-1/4	18-1/4	•
3-3/4	95	HX1200A	2	6-1/4	18-1/4	•
3-7/8	98	HX1240A	2	6-1/4	18-1/4	•
4-1/8	105	HX1320A	2	6-1/4	18-1/4	•
4-1/4	108	HX1360A	2	6-1/4	18-1/4	•

HEAVY DUTY TUBULAR WRENCHES

Tubular Handles



13B



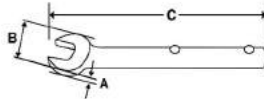
Stock No.	A	B	Size, inches
13B	13-1/2	7/8	13
24B	24	7/8	24
36B	36	1-9/64	36



• Read safety precautions on pages W1 to W4

WRENCHES



HEAVY DUTY TUBULAR WRENCHES



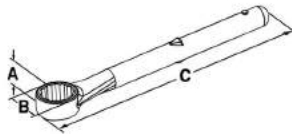
Open End Tubular Wrenches



OE148C




		Stock No.	A	B	C	Fits Handle No.
7/8	—	OE128C	1/2	1-15/16	10-1/2	13B or 24B
15/16	—	OE130C	1/2	1-15/16	10-1/2	13B or 24B
1	—	OE132C	9/16	2-5/16	11-5/16	13B or 24B
1-1/16	27	OE134C	9/16	2-5/16	11-5/16	13B or 24B
1-1/8	—	OE136C	9/16	2-5/16	11-1/4	13B or 24B
1-1/4	32	OE140C	5/8	2-3/4	12-5/16	13B or 24B
1-5/16	33	OE142C	5/8	2-3/4	12-5/16	13B or 24B
1-3/8	35	OE144C	5/8	2-3/4	12-1/4	13B or 24B
1-7/16	36	OE146C	11/16	3-1/8	13-1/4	13B or 24B
1-1/2	38	OE148C	11/16	3-1/8	13-5/16	13B or 24B

ASME® B107.100



XH124C

FLANK DRIVE® Straight Box, inches/mm


			A	B	C	Fits Handle No.
3/4	—	XH124C	1/2	1-1/4	10-13/16	13B or 24B
13/16	—	XH126C	1/2	1-1/4	10-13/16	13B or 24B
7/8	—	XH128C	5/8	1-7/16	10-15/16	13B or 24B
15/16	—	XH130C	5/8	1-7/16	10-15/16	13B or 24B
1	—	XH132C	11/16	1-9/16	11	13B or 24B
1-1/16	27	XH134C	11/16	1-9/16	11	13B or 24B
1-1/8	—	XH136C	11/16	1-11/16	11-1/8	13B or 24B
1-1/4	32	XH140C	3/4	1-15/16	13-1/2	13B or 24B
1-5/16	33	XH142C	3/4	1-15/16	13-1/2	13B or 24B
1-7/16	36	XH146C	7/8	2-3/16	13-5/8	13B or 24B
1-1/2	38	XH148C	7/8	2-3/16	13-3/4	13B or 24B
1-5/8	41	XH152C	15/16	2-3/8	13-3/4	13B or 24B
3-1/8	79	XH100C	1-3/4	4-15/16	14-7/8	36B

ASME® B107.100



X1000B

FLANK DRIVE® Offset Box, inches/mm

Size, inches		A	B	C	Fits Handle No.
1-1/16	X340B	5/8	1-21/32	10-1/2	24B
1-1/8	X360B	47/64	1-29/32	10-45/64	24B
1-1/4	X400C	47/64	1-29/32	10-45/64	24B
1-5/16	X420B	13/16	2	10-51/64	24B
1-3/8	X440B	7/8	2-5/64	10-51/64	24B
1-7/16	X460B	7/8	2-11/64	10-51/64	24B
1-1/2	X480B	15/16	2-1/4	10-29/32	24B
1-9/16	X500B	15/16	2-21/64	10-29/32	24B
1-5/8	X520B	1	2-27/64	11	24B
1-11/16	X540B	1-1/16	2-39/64	13-19/64	36B
1-3/4	X560B	1-1/16	2-39/64	13-19/64	36B
1-13/16	X580B	1-1/8	2-3/4	13-13/32	36B
1-7/8	X600B	1-1/8	2-3/4	13-13/32	36B
2	X640B	1-1/4	2-31/32	13-1/2	36B
2-1/16	X660B	1-1/4	2-31/32	13-1/2	36B
2-3/16	X700B	1-5/16	3-15/64	13-39/64	36B
2-1/4	X720B	1-5/16	3-15/64	13-39/64	36B
2-3/8	X760B	1-3/8	3-13/32	13-45/64	36B
2-9/16	X820B	1-1/2	3-21/32	13-51/64	36B
2-5/8	X840B	1-1/2	3-3/4	13-29/32	36B
2-3/4	X880B	1-5/8	3-15/16	14	36B
2-15/16	X940B	1-11/16	4-5/32	14-7/64	36B
3-1/8	X1000B	1-3/4	4-13/32	14-13/64	36B



COMBINATION T- AND L-SHAPED WRENCHES

- Ergonomic, soft grip handle provides comfort during repetitive tasks
- Provides comfort during repetitive tasks
- Delivers superior turning power
- Allows maximum pressure to be applied when loosening difficult fasteners with both T & L applications
- Blades are constructed from high-strength steel and hardened for durability

- Blade tips are black oxide coated to prevent chipping and to help maintain a secure fastener engagement
- Short blade provides maximum torque for tight quarters
- Long blade promotes quick fastener turning in difficult access situations
- Hole in handle for hanging tool or tether
- Color coded handles identify tool configuration at a glance



AWSGM800

Hex/Soft Grip Handle, mm

Set Contains:

mm	Blue Handle	T-Length, mm	Length, mm	
2	AWSGM2	95	152	•
2.5	AWSGM2.5	95	152	•
3	AWSGM3	98	152	•
4	AWSGM4	98	187	•
5	AWSGM5	117	187	•
6	AWSGM6	117	246	•
8	AWSGM8	117	246	•
10	AWSGM10	124	248	•

Set includes storage tray



AWBSGM800

Ball Hex/Soft Grip Handle, mm

Set Contains:

mm	Blue Handle	T-Length, mm	Length, mm	
2	AWBSGM2	95	152	•
2.5	AWBSGM2.5	95	152	•
3	AWBSGM3	98	152	•
4	AWBSGM4	98	187	•
5	AWBSGM5	117	187	•
6	AWBSGM6	117	246	•
8	AWBSGM8	117	246	•
10	AWBSGM10	124	248	•

Set includes storage tray



AWSG800

Hex/Soft Grip Handle, inches

Set Contains:

in	Red Handle	T-Length, inches	Length, inches	
3/32	AWSG06	3-7/8	6	•
7/64	AWSG07	3-7/8	6	•
1/8	AWSG08	3-7/8	6	•
9/64	AWSG09	3-7/8	6	•
5/32	AWSG10	3-7/8	7-3/8	•
3/16	AWSG12	4-3/4	7-3/4	•
7/32	AWSG14	4-3/4	7-3/4	•
1/4	AWSG16	4-3/4	9-5/8	•
5/16	AWSG20	4-3/4	9-5/8	•
3/8	AWSG24	4-3/4	9-5/8	•

Set includes storage tray



AWBSG800

Ball Hex/Soft Grip Handle, inches

Set Contains:

in	Red Handle	T-Length, inches	Length, inches	
3/32	AWBSG06	3-7/8	6	•
7/64	AWBSG07	3-7/8	6	•
1/8	AWBSG08	3-7/8	6	•
9/64	AWBSG09	3-7/8	6	•
5/32	AWBSG10	3-7/8	7-3/8	•
3/16	AWBSG12	4-3/4	7-3/4	•
7/32	AWBSG14	4-3/4	7-3/4	•
1/4	AWBSG16	4-3/4	9-5/8	•
5/16	AWBSG20	4-3/4	9-5/8	•
3/8	AWBSG24	4-3/4	9-5/8	•

Set includes storage tray



• Plastic handle does not protect against electric shock
• Read safety precautions on pages W1 to W4

COMBINATION T- AND L-SHAPED WRENCHES



AWBMCG1600

Ball Hex/T-Handle, mm

Set Contains:

AWBMCG1600

mm	Blue Handle 228 mm Length	
2	AWBMCG1602	•
2.5	AWBMCG16025	•
3	AWBMCG1603	•
4	AWBMCG1604	•
5	AWBMCG1605	•
6	AWBMCG1606	•
8	AWBMCG1608	•
10	AWBMCG1610	•



AWSGT800

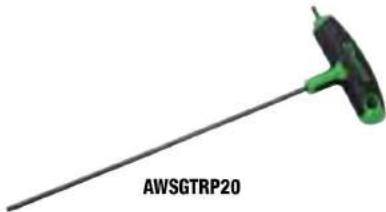
TORX®/Soft Grip Handle

Set Contains:

AWSGT800

#	Green Handle	Length, inches	T-Length, inches	
T6	AWSGT6	6	3-7/8	
T7	AWSGT7	6	3-7/8	
T8	AWSGT8	6	3-7/8	
T9	AWSGT9	6	3-7/8	
T10	AWSGT10	6	3-7/8	•
T15	AWSGT15	7-3/8	3-7/8	•
T20	AWSGT20	7-3/8	3-7/8	•
T25	AWSGT25	7-5/8	4-3/4	•
T27	AWSGT27	7-5/8	4-3/4	•
T30	AWSGT30	9-5/8	4-3/4	•
T40	AWSGT40	9-5/8	4-3/4	•
T45	AWSGT45	9-3/4	4-3/4	•
T50	AWSGT50	9-3/4	4-3/4	

Set includes storage tray



AWSGTRP20

TORX Plus®/Special Application

Size	Green Handle	T-Length, inches	Length, inches
T20	AWSGTRP20	3-7/8	10-1/2
T25	AWSGTRP25	4-3/4	10-1/2



AWSGTPT10

TORX® Tamper Proof

Set Contains:

AWSGTPT800

#	Stock No.	
T6	AWSGTPT6	
T7	AWSGTPT7	
T8	AWSGTPT8	
T9	AWSGTPT9	
T10	AWSGTPT10	•
T15	AWSGTPT15	•
T20	AWSGTPT20	•
T25	AWSGTPT25	•
T27	AWSGTPT27	•
T30	AWSGTPT30	•
T40	AWSGTPT40	•
T45	AWSGTPT45	•
T50	AWSGTPT50	



AWSGTPT800



AWBCG1600

Ball Hex/T-Handle, inches

Set Contains: **AWBCG1600**

#	Red Handle 9" Length	
3/32	AWBCG1606	•
7/64	AWBCG1607	•
1/8	AWBCG1608	•
9/64	AWBCG1609	•
5/32	AWBCG1610	•
3/16	AWBCG1612	•
7/32	AWBCG1614	•
1/4	AWBCG1616	•
5/16	AWBCG1620	
3/8	AWBCG1624	



AWCGT500

TORX®/T-Handle

Set Contains: **AWCGT500**

#	Green Handle 6" Length	
T7	AWCGT7	
T8	AWCGT8	•
T10	AWCGT10	•
T15	AWCGT15	•
T20	AWCGT20	•
T25	AWCGT25	•
T27	AWCGT27	
T30	AWCGT30	
T40	AWCGT40	
T45	AWCGT45	

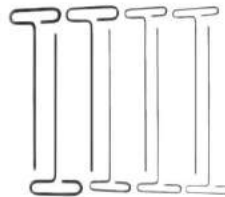


AWMCG1600B

Hex/T-Handle, mm

Set Contains: **AWMCG1600B**

mm	Blue Handle 152 mm Length	
2.5	AWMCG16025B	•
2	AWMCG1602B	•
3	AWMCG1603B	•
4	AWMCG1604B	•
5	AWMCG1605B	•
6	AWMCG1606B	•
8	AWMCG1608B	•
10	AWMCG1610B	•



GAW1900A



AWCG1600B

Hex/T-Handle, inches

Set Contains: **GAW1900A** **AWCG1600B**

#	Standard Handle 9" Length	Red Handle 6" Length		
3/32	GAW1906	AWCG1606B	•	•
7/64	GAW1907	AWCG1607B	•	•
1/8	GAW1908	AWCG1608B	•	•
9/64	GAW1909	AWCG1609B	•	•
5/32	GAW1910	AWCG1610B	•	•
3/16	GAW1912	AWCG1612B	•	•
7/32	GAW1914	AWCG1614B	•	•
1/4	GAW1916	AWCG1616B	•	•
5/16	GAW1920	AWCG1620B	•	
3/8	GAW1924	AWCG1624B	•	

Wrench Stands

AWSTAND Storage Stand for L-Shaped/T-Shaped Wrenches

- Mounting holes on top and bottom of stand provide many mounting locations
- Another AWSTAND can be added for increased storage options
- Stands can mount to a Slots-N-Dots™ Plus personal work center or lie flat on top of toolbox
- Stand holds the following wrench styles:
 - L- or T-shaped SAE hex 1/16–3/8" (excludes AWSG and AWBSG series)
 - L- or T-shaped metric hex 2–10 mm (excludes AWSGM and AWBSGM series)
 - L- or T-shaped TORX® T6 T50 (excludes AWSGT and AWSGTPT series)
- Metric or TORX® on one stand
- SAE and metric on one stand
- Metric and SAE ball wrenches

Tools not included with stand.



AWSTAND



• Plastic handle does not protect against electric shock
• Read safety precautions on pages W1 to W4

FOLDING SETS



AWMEF8K



AWMEF6K



AWMEF7K



AWEF6K



AWEF9K



AWEF6K



AWEFBH9K

Hex, mm

mm	AWMEF7K	AWMEF8K	AWMEF6K
	A	A	A
1.5	45.7	—	—
2	50.8	50.8	—
2.5	55.9	55.9	—
3	61.0	61.0	83.8
4	66.0	66.0	88.9
5	78.7	78.7	96.5
6	83.8	96.5	101.6
7	—	106.7	—
8	—	121.9	121.9
10	—	—	129.5

Hex, inches

	AWEF6K		AWEF9K
	A		A
5/32	2.7	0.05	1.8
3/16	3.3	1/16	1.9
7/32	3.5	5/64	2.0
1/4	3.7	3/32	2.1
5/16	4.8	7/64	2.3
3/8	5.1	1/8	2.4
		9/64	2.6
		5/32	2.7
		3/16	2.9

TORX®

#	AWTEF8K
	A
T8	2.4
T10	2.7
T15	3.0
T20	3.2
T25	3.4
T27	3.5
T30	3.7
T40	3.9

Ball Hex, inches

	AWEFBH9K
	A
5/64	2.0
3/32	2.1
7/64	2.3
1/8	2.4
9/64	2.6
5/32	2.7
3/16	2.9
7/32	3.5
1/4	3.7

AWCPEF16K 16 pc Folding Combination Hex Key Set (.050–3/8")

- Set includes: (16 pc) AWEF9K hex set (.050–3/16") and AWMEF7K metric hex set (1.5–6 mm)



AWH8K



AWEF6M6K

Hex/TORX® Combination, inches

AWHD8K Hex/TORX® Set

- Includes two TORX® sizes (T27, T40) and six hex sizes (5/32", 3/16", 7/32", 1/4", 5/16" and 3/8")
- Fits a wide range of Harley-Davidson® motorcycles

AWEF6M6K 12 pc SAE/Metric Folding Hex Key Set

- Includes (12) folding hex keys (SAE 5/64, 3/32, 7/64, 1/8, 9/64 and 5/32") (metric 1.5, 2, 2.5, 3, 4 and 5 mm)
- Turn and flip feature eliminates the need for constant removal of tool to reposition it in screw head when working next to obstructions
- 90° stops turn the tool into a speed wrench
- Hex sizes molded into storage case for easy identification of each hex
- Flutes in storage case allow easy selection
- Access the blades from top or bottom, eliminating the need to unstack the blades
- High torque steel 20% stronger and twice the wear resistance of standard grades of steel
- Handle is 40% stronger than steel cases
- Corrosion resistant finish is five times more resistant than the competition

Ball Hex Key Sets

Ball hex allows up to 25° angle entry. Made from high strength steel.

AWBPH13 13 pc L-Shaped SAE Ball Hex Wrench Set

- Screw holding tip holds fastener to tool for delicate installations
- Includes: 0.05, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16 and 3/8" sizes
- Includes plastic index

AWBS13 13 pc L-Shaped SAE Stubby Ball Hex Wrench Set

- Stubby length for access to tight quarters
- Includes: 0.05, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16 and 3/8" sizes
- Includes plastic index

AWBXL13 13 pc L-Shaped SAE Extra Long Ball Hex Wrench Set

- Includes: 0.05, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16 and 3/8" sizes
- Includes plastic index

BHS13A 13 pc L-Shaped SAE Ball Hex Wrench Set

- Includes: 0.05, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, and 3/8" sizes – includes Plastic Index

BHS7A 7 pc L-Shaped SAE Ball Hex Wrench Set

- Includes: 5/64, 3/32, 7/64, 1/8, 9/64, 5/32 and 3/16" sizes
- Includes plastic index

DBHS13 13 pc SAE Double Ball Hex Key Set

- 100° angle bend allows for access to fasteners a 90° stubby key cannot reach
- 100° angle provides a ±10° range of motion, or full 20°, creating clearance to help prevent "knuckle-busting"
- Ball-hex on short-arm has a thicker "neck" than traditional ball-hex designs, providing up to 50% more torque on the long arm
- Long-arm utilizes an XL-pattern to access fasteners in deep recesses, with stand ball-hex tip
- Includes: 0.05, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" sizes
- Includes plastic index

AWBML9 9 pc L-Shaped Extra Long Metric Ball Hex Wrench Set

- Includes: 1.5, 2, 2.5, 3, 4, 5, 6, 8 and 10 mm sizes
- Includes plastic index

AWMBPH9 9 pc L-Shaped Metric Ball Hex Wrench Set

- Screw holding tip holds fastener to tool for delicate installations
- Includes: 1.5, 2, 2.5, 3, 4, 5, 6, 8 and 10 mm sizes
- Includes plastic index

AWMBS9 9 pc L-Shaped Stubby Metric Ball Hex Wrench Set

- Stubby length for access in tight quarters
- Includes: 1.5, 2, 2.5, 3, 4, 5, 6, 8 and 10 mm sizes
- Includes plastic index

BHM9A 9 pc L-Shaped Metric Ball Hex Wrench Set

- Includes 1.5, 2, 2.5, 3, 4, 5, 6, 8 and 10 mm sizes
- Includes plastic index

DBHM9 9 pc Metric Double Ball Hex Key Set

- 100° angle bend allows for access to fasteners a 90° stubby key cannot reach
- Ball-hex on short-arm has a thicker "neck" than traditional ball-hex designs, providing up to 50% more torque on the long arm
- Includes: 1.5, 2, 2.5, 3, 4, 5, 6, 8 and 10 mm sizes
- Includes plastic index



• Read safety precautions on pages W1 to W4

L-SHAPED



Hex, mm, zinc

Set Contains: AWM140DK* AWM110DK* AWM10DHK**

	Stock No.	mm	A			
Standard Length	AWM2D	2	47.7	•	•	•
	AWM2-1/2D	2.5	52.0	•	•	•
	AWM3D	3	58.6	•	•	•
	AWM4D	4	65.6	•	•	•
	AWM5D	5	75.6	•	•	•
	AWM6D	6	82.2	•	•	•
	AWM7D	7	92.4	•	•	•
	AWM8D	8	99.2	•	•	•
	AWM9D	9	105.1	•	•	•
	AWM10D	10	111.4	•	•	•
	AWM12D	12	139.3	•	•	•
	AWM14D	14	138.8	•	•	•
	AWM17D	17	167.2	•	•	•
	AWM19D	19	193.6	•	•	•
Long	AWML1.5D	1.5	77.7			
	AWML2D	2	83.0			
	AWML2.5D	2.5	89.8			
	AWML3D	3	100.0			
	AWML4D	4	107.0			
	AWML5D	5	118.5			
	AWML6D	6	141.0			
	AWML8D	8	161.5			
	AWML10D	10	172.0			
	AWML12D	12	193.6			

* Set includes storage bag
** Set includes metal index



Hex/Long, inches, zinc

Set Contains: AWL1010DK* AWL1010DHK**

Stock No.	Hex	A		
AWL3D	3/32	3-1/8	•	•
AWL3-1/2D	7/64	3-1/2	•	•
AWL4D	1/8	3-3/4	•	•
AWL4-1/2D	9/64	4	•	•
AWL5D	5/32	4-1/8	•	•
AWL6D	3/16	4-1/2	•	•
AWL7D	7/32	4-7/8	•	•
AWL8D	1/4	5-1/4	•	•
AWL10D	5/16	6	•	•
AWL12D	3/8	6-3/4	•	•
AWL14D	7/16	7-1/2	•	•
AWL16D	1/2	8-1/4	•	•
AWL18D	9/16	9	•	•
AWL20D	5/8	9-3/4	•	•

* Set includes storage bag
** Set includes metal index

Hex, inches, zinc

Set Contains: AW1020DK* AW1015DK* AW1013DK* AW1015DHK**

Stock No.	Hex	A			
AW028D	0.028	1-1/4	•	•	•
AW035D	0.035	1-5/16	•	•	•
AW050D	0.050	1-3/4	•	•	•
AW2D	1/16	1-3/4	•	•	•
AW2-1/2D	5/64	1-7/8	•	•	•
AW3D	3/32	2	•	•	•
AW3-1/2D	7/64	2-1/8	•	•	•
AW4D	1/8	2-1/4	•	•	•
AW4-1/2D	9/64	2-3/8	•	•	•
AW5D	5/32	2-1/2	•	•	•
AW6D	3/16	2-3/4	•	•	•
AW7D	7/32	3	•	•	•
AW8D	1/4	3-1/4	•	•	•
AW10D	5/16	3-3/4	•	•	•
AW12D	3/8	4-1/4	•	•	•
AW14D	7/16	4-3/4	•	•	•
AW16D	1/2	5-1/4	•	•	•
AW18D	9/16	5-3/4	•	•	•
AW20D	5/8	6-1/4	•	•	•
AW24D	3/4	7-1/4	•	•	•

* Set includes storage bag
** Set includes metal index



Multi-Spline, industrial

Set Contains: MS1015KA*

Stock No.	A	B	
MS2A	4	.033	•
MS3A	4	.048	•
MS4A	6	.060	•
MS5A	4	.069	•
MS6A	4	.076	•
MS7A	6	.072	•
MS8A	6	.096	•
MS10A	6	.110	•
MS16A	6	.144	•
MS20A	6	.183	•
MS24A	6	.216	•
MS28A	6	.251	•
MS32A	6	.291	•
MS40A	6	.372	•
MS48A	6	.454	•

* Set includes storage bag


AWMXL10
Hex, Extra Long, mm

 Set Contains: **AWMXL10**

Stock No.	mm	A	B	
AWMXL10-1.5	1.5	91.5	15	•
AWMXL10-2	2	102	17.5	•
AWMXL10-2.5	2.5	114.5	20	•
AWMXL10-3	3	129	22	•
AWMXL10-4	4	146	26	•
AWMXL10-5	5	165	32	•
AWMXL10-6	6	132	32.5	•
AWMXL10-7	7	160	37	•
AWMXL10-8	8	203	43	•
AWMXL10-10	10	223	49	•


AWXL13
Hex, Extra Long, SAE

 Set Contains: **AWXL13**

Stock No.	SAE	A	B	
AWXL13-050	0.05	3.1	0.58	•
AWXL13-1/16	1/16	3.4	0.63	•
AWXL13-5/64	5/64	3.7	0.69	•
AWXL13-3/32	3/32	4	0.74	•
AWXL13-7/64	7/64	4.25	0.81	•
AWXL13-1/8	1/8	4.6	0.88	•
AWXL13-9/64	9/64	4.95	0.94	•
AWXL13-5/32	5/32	5.3	1	•
AWXL13-3/16	3/16	5.4	1.1	•
AWXL13-7/32	7/32	5.85	1.3	•
AWXL13-1/4	1/4	6.7	1.4	•
AWXL13-5/16	5/16	7.4	1.6	•
AWXL13-3/8	3/8	8.2	1.8	•


AWT100KA

TORX®

 Set Contains: **AWT100KA**

Stock No.	#	A	B	
AWT8A	T8	.137	1-7/8	
AWT9A	T9	.148	1-7/8	
AWT10A	T10	.162	2	•
AWT15A	T15	.194	2-1/8	•
AWT20A	T20	.228	2-1/4	•
AWT25A	T25	.262	2-3/8	•
AWT27A	T27	.295	2-1/2	•
AWT30A	T30	.218	2-3/4	•
AWT40A	T40	.262	3	•
AWT45A	T45	.430	3-5/8	•
AWT50A	T50	.348	3-3/4	•
AWT55A	T55	.442	4-1/4	•

AWTXL8

TORX®, Extra Long

 Set Contains: **AWTXL8**

Stock No.	Hex Diameter Size (TORX®)	A	B	
AWTXL8-T9	T9	4	0.74	•
AWTXL8-T10	T10	4.25	0.81	•
AWTXL8-T15	T15	4.6	0.88	•
AWTXL8-T20	T20	4.95	0.94	•
AWTXL8-T25	T25	5.61	1.03	•
AWTXL8-T27	T27	6.02	1.18	•
AWTXL8-T30	T30	6.496	1.26	•
AWTXL8-T40	T40	7	1.46	•

DBT7

Double Ball TORX® Key

 Set Contains: **DBT7**

Stock No.	#		
DBT10	T10	•	
DBT15	T15	•	
DBT20	T20	•	
DBT25	T25	•	
DBT27	T27	•	
DBT30	T30	•	
DBT40	T40	•	

Hex, Gold Finish, mm

AWMG9

 Set Contains: **AWMG9**

Stock No.	mm	
AWMG9-1	1.5	•
AWMG9-2	2	•
AWMG9-3	2.5	•
AWMG9-4	3	•
AWMG9-5	4	•
AWMG9-6	5	•
AWMG9-7	6	•
AWMG9-8	8	•
AWMG9-9	10	•

Hex, Natural Finish, SAE

AWS13

 Set Contains: **AWS13**

Stock No.	SAE	
AWS13-1	1/20	•
AWS13-2	1/16	•
AWS13-3	5/64	•
AWS13-4	3/32	•
AWS13-5	7/64	•
AWS13-6	1/8	•
AWS13-7	9/64	•
AWS13-8	5/32	•
AWS13-9	3/16	•
AWS13-10	7/32	•
AWS13-11	1/4	•
AWS13-12	5/16	•
AWS13-13	3/8	•

TORX®, Screw-Holding Tip

AWTPH8

 Set Contains: **AWTPH8**

Stock No.	#	
AWTPHT9	T9	•
AWTPHT10	T10	•
AWTPHT15	T15	•
AWTPHT20	T20	•
AWTPHT25	T25	•
AWTPHT27	T27	•
AWTPHT30	T30	•
AWTPHT40	T40	•

TORX®/Tamper Resistant

AWTR8

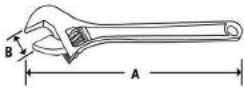
 Set Contains: **AWTR8**

Stock No.	#	
AWTR8-1	T9	•
AWTR8-2	T10	•
AWTR8-3	T15	•
AWTR8-4	T20	•
AWTR8-5	T25	•
AWTR8-6	T27	•
AWTR8-7	T30	•
AWTR8-8	T40	•



• Read safety precautions on pages W1 to W4

ADJUSTABLE



FADH704B

FLANK DRIVE® Plus Adjustable/Cushion Handle

- Flank Drive® Plus provides up to 62% more turning power allowing more torque to handle and reducing fastener wear
- Durable finish provides corrosion resistance
- High Strength alloy steel provides greater wrench strength and longer tool life

Stock No.	A inches (mm)	B inches (mm)	Set Contains:	
FADH6B	6 (152)	3/4 (19)		•
FADH8B	8 (203)	15/16 (24)	•	•
FADH10B	10 (254)	1-1/8 (29)		•
FADH12B	12 (304)	1-5/16 (33)	•	•

ASME® Standard

Set includes storage tray

Adjustable

- Opposing fractional and metric quick sizing scales are provided for convenience
- High strength alloy steel machined to exacting specs and precision heat treated for strength and durability
- Nickel-chrome finish helps protect against corrosion and speeds clean up



AD704B

Stock No.	A inches (mm)	B inches (mm)	Set Contains:	
AD10B	10 (255)	1-3/16 (30)		•
AD12B	12 (305)	1-11/32 (34)	•	•
AD6B	6 (155)	25/32 (20)		•
AD8B	8 (205)	1-1/16 (27)	•	•

ASME® B107.100

Set includes storage tray

Wide Mouth Adjustable/Cushion Handle

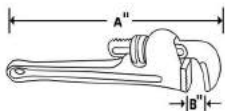
- Opens larger than standard adjustable wrench
- Longer jaws and slimline design for greater reach
- Metric and fractional scales for quick observation
- Adjustable moving jaw will not fall out, even when at max opening
- Elastomer handle is soft, insulates against cold and provides a non-slip surface
- ADHW6A opens as wide as an 8" adjustable wrench: ADHW8A opens as wide as a 10" adjustable wrench



ADHW8A

Stock No.	A	B
ADHW6A	6 (152)	1-1/4 (32)
ADHW8A	8 (203)	1-1/2 (38)

ASME® B107.100



PW10C



PWA10A

Pipe Wrenches

Stock No. Coated Handle	Stock No. Aluminum Handle	A	B
PW6C		6	3/4
PW8C		8	1
PW10C	PWA10A	10	1-1/2
PW12C		12	2
PW14C	PWA14A	14	2
PW18C	PWA18A	18	2-1/2
PW24C	PWA24A	24	3
PW36C	PWA36A	36	5

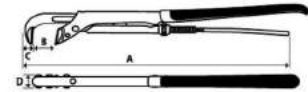


ADJUSTABLE

Pliers Wrenches

- Inwardly angled teeth (fine teeth at back of jaw, coarse teeth at front of jaw) for a stronger grip
- Quick adjustment of grip width
- Built-in guard against unthreading
- Soft, warm to the touch, high friction handle surfaces with a strong, stable core

Stock No.	A	B	C	D	Weight, lb
PWZ0	8-3/16	1-1/2	5/16	9/16	1
PWZ1	12-5/8	1-3/4	1/2	3/4	1-5/8
PWZ2	17	2-1/2	5/8	13/16	2-1/2
PWZ3	21-1/2	3-1/2	3/4	1	6-3/8
PWZ4	28-5/8	4-5/8	1-1/2	1-5/16	12
PWZ5	41-3/4	6-5/16	1-1/2	1-3/8	17



ADJUSTABLE Blue-Point®

Standard, industrial (Blue-Point®)

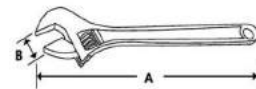
- Inch and metric scales on fixed jaw indicate wrench opening
- Fixed jaw and handle forged in one piece to ensure maximum strength
- Wrench is balanced to minimize wrist stress
- Hole at handle end for tether or hanging

Stock No.	A inches (mm)	B inches (mm)	Set Contains:	
			BLPADJ703	BLPADJ404
GAJ4A	4 (108)	1/2 (13)		
GAJ6A	6 (160)	1 (25.4)		•
GAJ8A	8 (210)	1-1/8 (29)		•
GAJ10A	10 (260)	1-9/32 (33)		•
GAJ12A	12 (310)	1-1/2 (38)		•
GAJ15A	15 (385)	1-19/32 (43)	•	
GAJ18A	18 (450)	2-1/16 (52)	•	
GAJ24A	24 (610)	2-7/16 (62)	•	
GAJS30	30 (778)	3-11/32 (85)		
GAJS30A	30 (778)	3-11/32 (85)		

ASME® B107.10

**Side adjusting nut style provides smoother operation, allows greater jaw opening and offers minimum jaw play

*Set includes storage tray



GAJS30A

GAJS30

BLPADJ404

Soft Grip, industrial (Blue-Point®)

Stock No.	A inches (mm)	B inches (mm)	Set Contains:	
			BLPADJ404SG	
GAJ6SG	6 (160)	1 (25.4)		•
GAJ8SG	8 (210)	1-1/8 (29)		•
GAJ10SG	10 (260)	1-9/32 (32.8)		•
GAJ12SG	12 (310)	1-1/2 (38)		•

Set includes storage tray



BLPADJ404SG

Aluminum (for AN Fittings)

- Securely tighten expensive AN fittings to reduce risk of damage in aircraft, marine and industrial applications as well as for race and show cars
- Machined from aluminum billet to exacting tolerances and made from quality heat treated aluminum

Stock No.	Color	Overall Length, inches (mm)	Maximum Opening
ANADJ8A	Red	8 (203)	AN #10 (1")



ANADJ8A



- Do not use "cheater bars" on handles
- Plastic handle does not protect against electric shock
- Read safety precautions on pages W1 to W4

SPECIAL APPLICATION



N6893B

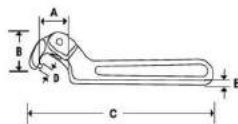
Valve Persuaders

N6893B 1-1/4" Valve Persuader Wrench

- Persuader end provides extra leverage on valve wheels
- Hooks around valve stems and protrudes through spokes
- 15" long
- Opening is 1-1/4"



304APSK



Adjustable Pin Spanners

- Removes rings, collars and lock nuts
- Make sure jaw hook is properly aligned when in use

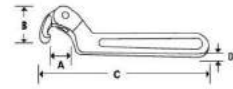
Set Contains:

Stock No.	A	B	C	D	E	
APS351B	3/4-2	1/8	6-3/8	1/8	11/32	•
APS357B	1-1/4-3	3/16	8-1/8	3/16	11/32	•
APS363B	2-4-3/4	1/4	11-3/8	1/4	15/32	•
APS366B	4-1/2-6-1/4	1/4	12-1/8	3/8	15/32	•

Set shown includes kit bag



304AHSK



Adjustable Hook Spanners

- Services collars, rings and bearings
- Single jaw and roll pin construction with industrial finish
- Make sure jaw hook is properly positioned when in use

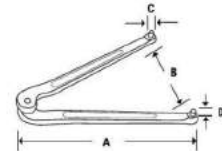
Set Contains:

Stock No.	A	B	C	D	
AHS300B	3/4-2	1/8	6-3/8	11/32	•
AHS301B	1-1/4-3	5/32	8-1/8	13/32	•
AHS304B	2-4-3/4	3/16	11-3/8	15/32	•
AHS307B	4-1/2-6-1/2	1/4	12-1/8	15/32	•

Set shown includes kit bag



AFS482B



Adjustable Face Pin Spanners

For servicing seal and packing nuts on hydraulic cylinders.

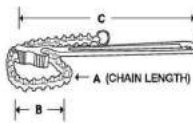
Stock No.	A	B	C	D
AFS482B	6-3/8	2	3/16	5/32
AFS483B	8-1/4	3	1/4	3/16
AFS484B	10-3/8	4	5/16	1/4

SPECIAL APPLICATION Blue-Point®



CW12A

VGP18110



BLPSTWRKT

Chain Wrenches (Blue-Point®)

Stock No.	A	B	C	Replacement Chain
CW12A	16	4	12	CW12A-1
CW15A	19	5	15	CW15A-1
CW24A	23	6	24	CW24A-1

VGP18110 Locking Chain Wrench (Blue-Point®)

- Wraps around and holds irregular shaped objects like oil filters and mufflers
- Chain capacity: up to 6-9/32" (160 mm)
- Handle length: 9-27/32" (250 mm)

VGP181101 Replacement Chain

- Replacement chain for VGP18110

Strap Wrenches (Blue-Point®)

BLPSTWR4 4" Strap Wrench (Blue-Point®)

- Adjusts to fit any circumference or irregular shape
- Will not scratch or damage surfaces
- Cushioned grip for maximum comfort
- Heavy duty construction for longer life
- 4" max diameter

BLPSTWR6 6" Strap Wrench (Blue-Point®)

- Adjusts to fit any circumference or irregular shape
- Will not scratch or damage surfaces
- Cushioned grip for maximum comfort
- Heavy duty construction for longer life
- 6" max diameter

BLPSTWRKT 2 pc Strap Wrench Set (4-6") (Blue-Point®)

- BLPSTWR4 and BLPSTWR6 (2 pc)