

AN EXTENSION OF MY HAND. STRONGER EVERY TURN.

MECHANICAL WRENCHES.

With Urrea mechanical wrenches everything is solved, we have one of the most extensive product offerings ranging from tools that are manually activated and independent of the use of accessories, to industrial wrenches for rougher jobs that require an adjustment or higher torque pressure.

For automotive maintenance and repair work, as well as in maintenance work, repair and operation in the processing, extraction and assembly industry, metalworking, oil, construction, heavy machinery, among other.

Advantages of Urrea mechanical wrenches:

- In short (or normal) configuration, long and extra long.
- Spline, hexagonal (6 points) or double hexagon (12 points) and square.
- Combination.
- Ratchet box-end, spline, reversible and 75° reversible.
- Box-end 15 and 45 degrees.
- Flare nut wrenches
- Obstruction.
- Service wrenches.
- Available in chrome, Rubber Grip and phosphatized black finish.
- Black flat and offset striking wrenches.
- High leverage.
- Black structural adjustable.
- Measures in inches and metric system.
- Sizes from: 3/16 "to 4" and from 6 mm to 80 mm.

The open end jaws of our combination, spline and service wrenches incorporate our UGS (Urrea Grip System) created and patented by Urrea.

Our Super Drive design in our mechanical wrenches ensure a more efficient and safe tool.

Available in mirror polished and satin finish.



Meets with national standards and international; American and European.



ADJUSTABLE WRENCHES

RUBBER GRIP



Rubber grip

- Chrome-plated with Rubber grip



Chrome-plated

- Nickel-chrome finish to prevent rust.



Black

- Phosphatized finish ideal for industries where chrome particle shedding is critical.

- Rounded corners in opening avoids the concentration of pressure and better adjusts to the fastening element.
- The arrow indicates the correct turning direction.
- Extra wide opening, allowing you to work on a wide range of nuts and bolts.
- Exceed ASME B107.100 standard.

WRENCH SETS

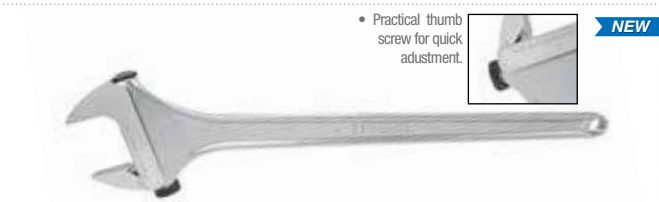
ITEM	795G	795	795S
PIECES	3	3	3
PACKING			
	1	1	1
LIST PRICE	\$93.10	\$84.64	\$82.08

INDIVIDUAL WRENCHES

DESCRIPTION	ITEM	TOTAL LENGTH	MAXIMUM OPENING	JAW DEPTH	JAW THICKNESS	LIST PRICE
		INCHES	INCHES	INCHES	INCHES	
Rubber grip	704G	4"	1/2"	1/2"	11/32"	\$25.19
Rubber grip	706G	6"	15/16"	3/4"	3/8"	\$25.43
Rubber grip	708G	8"	1"	1"	15/32"	\$25.79
Rubber grip	710G	10"	1-1/8"	1-1/8"	19/32"	\$31.50
Rubber grip	712G	12"	1-5/16"	1-5/16"	23/32"	\$40.71
Rubber grip	*715G	15"	1-11/16"	1-5/8"	15/16"	\$87.35
Rubber grip	*718G	18"	2-1/8"	1-15/16"	1-1/8"	\$142.82
Rubber grip	*724G	24"	2-7/16"	2-7/16"	1-1/4"	\$229.47
Chrome-plated	704	4"	1/2"	1/2"	11/32"	\$22.90
Chrome-plated	706	6"	15/16"	3/4"	3/8"	\$23.12
Chrome-plated	708	8"	1"	1"	15/32"	\$23.45
Chrome-plated	710	10"	1-1/8"	1-1/8"	19/32"	\$28.64
Chrome-plated	712	12"	1-5/16"	1-5/16"	23/32"	\$37.01
Chrome-plated	*715	15"	1-11/16"	1-5/8"	15/16"	\$79.41
Chrome-plated	*718	18"	2-1/8"	1-15/16"	1-1/8"	\$129.84
Chrome-plated	*724	24"	2-7/16"	2-7/16"	1-1/4"	\$208.61
Black	704S	4"	1/2"	33/64"	11/32"	\$22.21
Black	706S	6"	15/16"	3/4"	3/8"	\$22.42
Black	708S	8"	1"	1"	15/32"	\$22.74
Black	710S	10"	1-1/8"	1-1/8"	19/32"	\$27.78
Black	712S	12"	1-5/16"	1-5/16"	23/32"	\$35.89
Black	*715S	15"	1-11/16"	1-5/8"	15/16"	\$77.02
Black	*718S	18"	2-1/8"	1-15/16"	1-1/8"	\$123.34
Black	*724S	24"	2-7/16"	2-7/16"	1-1/4"	\$194.00

ADJUSTABLE WRENCHES

30" CHROME-FINISH ADJUSTABLE WRENCH



- Practical thumb screw for quick adjustment.

NEW

- Chrome vanadium steel construction.
- Handle is forged in one piece to ensure maximum strength.
- Greater jaw capacity supports larger nuts and bolts.
- Ideal for mining, gas & oil industry.

ITEM	TOTAL LENGTH	MAXIMUM OPENING	JAW DEPTH	HEAD THICKNESS	LIST PRICE
	INCHES	INCHES	INCHES	INCHES	
730	30"	3"	1-5/8"	1-1/4"	\$907.00

WIDE OPENING ADJUSTABLE WRENCH WITH LOW PROFILE JAW



- Low profile jaw, 50% thinner than conventional wrenches. Ideal to work on reduced working areas.

NEW

- Chrome vanadium steel construction.
- Exceed ASME B107.100 standard.

ITEM	TOTAL LENGTH	MAXIMUM OPENING	JAW DEPTH	HEAD THICKNESS	LIST PRICE
	INCHES	INCHES	INCHES	INCHES	
708XS	8"	1-1/2"	1-5/16"	19/32"	\$97.09

STRUCTURAL ADJUSTABLE WRENCH

BLACK



- Extra capacity that can be used on a wider range of nuts and bolts.
- Conical tip handle works as alignment bar when assembling structures.
- Phosphatized finish prevents corrosion.
- Long handle increases torsion capacity.
- Exceed ASME B107.100 standard.

ITEM	TOTAL LENGTH	MAXIMUM OPENING	JAW DEPTH	HEAD THICKNESS	LIST PRICE
	INCHES	INCHES	INCHES	INCHES	
712SC	16"	2-7/16"	1-7/16"	23/32"	\$63.67

SATIN FINISH 12-POINT COMBINATION WRENCHES

INCHES **SUPER DRIVE UGS**

- Comfortable grip in =jumbo sizes.
- Circular shape conforms better to the hand.



Jumbo wrench



- Exceed ASME B107.100 standard.

INDIVIDUAL WRENCHES

OPENING SIZE	ITEM	TOTAL LENGTH	OUTSIDE DIAMETER		HEAD THICKNESS		UGS	LIST PRICE
			OPEN END	BOX END	OPEN END	BOX END		
1/4"	1208A	5"	39/64"	27/64"	13/64"	15/64"	×	\$6.27
5/16"	1210A	5-9/16"	45/64"	35/64"	13/64"	17/64"	×	\$6.94
3/8"	1212A	6"	51/64"	19/32"	15/64"	5/16"	✓	\$7.06
7/16"	1214A	6-1/2"	15/16"	11/16"	1/4"	21/64"	✓	\$7.89
1/2"	1216A	7"	1-3/32"	25/32"	17/64"	11/32"	✓	\$8.42
9/16"	1218A	7-1/2"	1-13/64"	7/8"	9/32"	23/64"	✓	\$8.76
5/8"	1220A	8-1/8"	1-21/64"	15/16"	19/64"	25/64"	✓	\$10.19
11/16"	1222A	8-15/16"	1-29/64"	1-1/32"	21/64"	27/64"	✓	\$11.18
3/4"	1224A	9-13/16"	1-37/64"	1-7/64"	21/64"	29/64"	✓	\$12.23
13/16"	1226A	10-11/16"	1-11/16"	1-13/16"	3/8"	31/64"	✓	\$14.53
7/8"	1228A	11-9/16"	1-51/64"	1-5/16"	3/8"	33/64"	✓	\$17.94
15/16"	1230A	12-7/16"	1-29/32"	1-25/64"	13/32"	33/64"	✓	\$20.46
1"	1232A	13-5/16"	2-1/64"	1-1/2"	7/16"	37/64"	✓	\$22.89
1-1/16"	1234A	14-13/64"	2-9/64"	1-5/8"	29/64"	39/64"	✓	\$28.49
1-1/8"	1236A	15-15/32"	2-17/64"	1-11/16"	15/32"	41/64"	✓	\$31.37
1-3/16"	1238A	15-1/2"	2-33/64"	1-7/8"	33/64"	45/64"	✓	\$34.06
1-1/4"	1240A	17-11/16"	2-41/64"	1-15/16"	33/64"	3/4"	✓	\$37.44
1-5/16"	*1242A	18-5/8"	2-49/64"	2-3/4"	9/16"	25/32"	✓	\$55.36
1-3/8"	*1244A	19-15/32"	2-7/8"	2-9/64"	9/16"	13/16"	✓	\$58.63
1-7/16"	*1246A	20-1/4"	2-1/64"	2-11/64"	9/16"	51/64"	✓	\$68.93
1-1/2"	*1248A	23"	3-19/64"	2-25/64"	41/64"	57/64"	✓	\$74.36
1-9/16"	*1250A	23-1/8"	3-3/8"	2-7/16"	11/16"	7/8"	✓	\$81.93
1-5/8"	*1252A	23-1/8"	3-3/8"	2-7/16"	11/16"	15/16"	✓	\$85.41
1-11/16"	*1254A	25-1/8"	3-5/8"	2-11/16"	11/16"	15/16"	✓	\$90.21
1-3/4"	*1256A	25-7/64"	3-5/8"	2-21/32"	45/64"	31/32"	✓	\$98.94
1-13/16"	*1258A	28"	4"	2-15/16"	7/8"	1-7/32"	✓	\$104.19
1-7/8"	*1260A	28"	4"	3"	7/8"	1-7/32"	✓	\$130.30
2"	*1264A	28"	4-1/2"	3"	1"	1-7/32"	✓	\$133.61

JUMBO WRENCHES

2 1/16"	*1266	30"	4-1/2"	3-7/16"	1"	1-13/32"	✓	\$240.36
2-1/8"	*1268	30"	4-1/2"	3-7/16"	1"	1-13/32"	✓	\$257.83
2-3/16"	*1270	30"	4-1/2"	3-7/16"	1"	1-13/32"	✓	\$267.85
2-1/4"	*1272	30"	4-1/2"	3-7/16"	1"	1-13/32"	✓	\$286.80
2-5/16"	*1274	30-1/2"	4-1/2"	3-39/64"	1"	1-13/32"	✓	\$337.69
2-3/8"	*1276	30-1/2"	4-1/2"	3-39/64"	1"	1-13/32"	✓	\$338.21
2-7/16"	*1278	30-1/2"	4-1/2"	3-45/64"	1"	1-13/32"	✓	\$362.63
2-1/2"	*1280	30-1/2"	4-1/2"	3-45/64"	1"	1-13/32"	✓	\$375.84
2-9/16"	*1282	33-1/2"	5-9/16"	4-1/2"	1-1/2"	1-9/16"	✓	\$606.15
2-5/8"	*1284	33-1/2"	5-9/16"	4-1/2"	1-1/2"	1-9/16"	✓	\$651.25
2-11/16"	*1286	33-1/2"	5-9/16"	4-1/2"	1-1/2"	1-9/16"	✓	\$683.58
2-3/4"	*1288	33-1/2"	5-9/16"	4-1/2"	1-1/2"	1-9/16"	✓	\$695.36
2 13/16"	*1290	33-1/2"	5-9/16"	4-1/2"	1-1/2"	1-9/16"	✓	\$808.54
2-7/8"	*1292	33-1/2"	5-1/2"	4-3/4"	1-3/16"	1-11/16"	✓	\$848.81
2-15/16"	*1294	33-1/2"	5-1/2"	4-3/4"	1-3/16"	1-11/16"	✓	\$885.43
3"	*1296	33-1/2"	5-1/2"	4-3/4"	1-3/16"	1-11/16"	✓	\$894.29
3-1/16"	*1298	33-1/2"	5-1/2"	4-3/4"	1-3/16"	1-11/16"	✓	\$915.25
3-1/8"	*1299	33-1/2"	5-1/2"	4-3/4"	1-3/16"	1-11/16"	✓	\$917.61
3 1/4"	*12104	37-1/2"	6-1/4"	5"	1-1/2"	1-1/2"	✓	\$1,397.95
3-3/8"	*12108	37-1/2"	6-1/4"	5"	1-1/2"	1-1/2"	✓	\$1,402.39
3-1/2"	*12112	37-1/2"	6-1/4"	5"	1-1/2"	1-1/2"	✓	\$1,438.21
3 3/4"	*12120	37-1/2"	6-1/4"	5"	1-1/2"	1-1/2"	✓	\$1,483.18
3-7/8"	*12124	37-1/2"	6-1/4"	5"	1-1/2"	1-1/2"	✓	\$1,504.52
4"	*12128	37-1/2"	6-1/4"	5"	1-1/2"	1-1/2"	✓	\$1,509.93

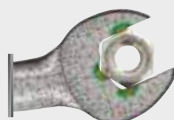
* BULK



WRENCH SETS						
ITEM	120090	120080A	1200FHD	1200FA	1200DA	1200GA
PIECES	31	26	16	15	14	10
PACKING						
	1	1	1	1	1	1
LIST PRICE	\$2,887.95	\$1,094.40	\$2,628.53	\$233.50	\$174.08	\$127.76

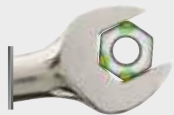
COMBINATION WRENCHES

Urrea wrenches are manufactured under ASME B107.100 specifications and incorporate the UGS system on all open-ends. UGS system was designed and patented by Urrea, which offers the following benefits:



EFFECT ON WRENCH

• If a nut or a bolt's edges are stripped, the 3-point contact distribution ensures that there is enough not contact to tighten or loosen.



EFFECT ON BOLT

• When torque is applied, the force is distributed to three points, thus reducing stress on the nut or bolt edges.



METRIC



- The specific length can present a variation of +/- 0.5"
- Satin finish.



Jumbo wrenches



- Exceed ASME B107.100 standard.

INDIVIDUAL WRENCHES

mm	mm	12	WRENCH	OUTSIDE DIAMETER		HEAD THICKNESS		UGS	PACKING	LIST PRICE
				OPEN END	BOX END	OPEN END	BOX END			
7 mm		1207MA	5"	19/32"	13/32"	3/16"	7/32"	×	6	\$7.72
8 mm		1208MA	5-1/2"	11/16"	17/32"	3/16"	1/4"	×	6	\$7.72
9 mm		1209MA	6"	13/16"	19/32"	7/32"	9/32"	✓	6	\$7.72
10 mm		1210MA	6-1/2"	15/16"	11/16"	1/4"	5/16"	✓	6	\$7.85
11 mm		1211MA	6-1/2"	15/16"	11/16"	1/4"	5/16"	✓	6	\$8.77
12 mm		1212MA	7"	1-1/32"	25/32"	1/4"	5/16"	✓	6	\$9.03
13 mm		1213MA	7"	1-1/32"	25/32"	1/4"	5/16"	✓	6	\$9.36
14 mm		1214MA	7-1/2"	1-3/16"	7/8"	9/32"	11/32"	✓	6	\$9.74
15 mm		1215MA	7-1/2"	1-3/16"	7/8"	9/32"	11/32"	✓	6	\$10.04
16 mm		1216MA	8-1/16"	1-5/16"	31/32"	5/16"	3/8"	✓	6	\$11.33
17 mm		1217MA	8-7/8"	1-7/16"	1-1/32"	5/16"	13/32"	✓	6	\$12.43
18 mm		1218MA	8-7/8"	1-7/16"	1-1/32"	5/16"	13/32"	✓	6	\$12.92
19 mm		1219MA	9-3/4"	1-9/16"	1-3/32"	5/16"	7/16"	✓	6	\$13.59
20 mm		1220MA	10-5/8"	1-11/16"	1-3/16"	3/8"	15/32"	✓	6	\$14.40
21 mm		1221MA	10-5/8"	1-11/16"	1-3/16"	3/8"	15/32"	✓	6	\$16.15
22 mm		1222MA	11-1/2"	1-25/32"	1-5/16"	3/8"	1/2"	✓	6	\$19.94
23 mm		1223MA	11-1/2"	1-25/32"	1-5/16"	3/8"	1/2"	✓	6	\$21.10
24 mm		1224MA	12-3/8"	1-29/32"	1-13/32"	13/32"	17/32"	✓	6	\$22.63
25 mm		1225MA	12-3/8"	1-29/32"	1-13/32"	13/32"	17/32"	✓	6	\$25.44
26 mm		1226MA	13-1/4"	2"	1-1/2"	13/32"	9/16"	✓	6	\$27.67
27 mm		1227MA	14-1/8"	2-1/8"	1-5/8"	7/16"	19/32"	✓	6	\$31.66
28 mm		1228MA	15-3/8"	2-1/4"	1-11/16"	15/32"	5/8"	✓	6	\$34.82
29 mm		1229MA	15-3/8"	2-1/4"	1-11/16"	15/32"	5/8"	✓	6	\$34.86
30 mm		1230MA	15-3/8"	2-1/4"	1-11/16"	15/32"	5/8"	✓	6	\$38.29
32 mm		1232MA	16-3/4"	2-1/2"	1-7/8"	1/2"	11/16"	✓	1	\$41.60
33 mm		*1233MA	16-3/4"	2-5/8"	1-15/16"	9/16"	3/4"	✓	1	\$61.52
34 mm		*1234MA	16-3/4"	2-5/8"	1-15/16"	9/16"	3/4"	✓	1	\$67.73
36 mm		*1236MA	17-5/8"	2-3/4"	2-1/32"	9/16"	25/32"	✓	1	\$74.63
37 mm		*1237MA	17-5/8"	2-7/8"	2-1/8"	9/16"	13/16"	✓	1	\$76.59
38 mm		*1238MA	18-1/2"	3"	2-3/16"	5/8"	27/32"	✓	1	\$82.63
41 mm		*1241MA	19-3/8"	3-3/8"	2-13/32"	11/16"	29/32"	✓	1	\$94.91
42 mm		*1242MA	20-1/4"	3-3/8"	2-13/32"	11/16"	29/32"	✓	1	\$104.40
46 mm		*1246MA	28"	4"	3"	27/32"	1-7/32"	✓	1	\$115.77
50 mm		*1250MA	28"	4"	3"	27/32"	1-7/32"	✓	1	\$148.46
51 mm		*1251MA	28"	4"	3"	27/32"	1-7/32"	✓	1	\$181.12

JUMBO WRENCHES

55 mm		*1255M	30-1/2"	4-1/2"	3-1/2"	15/16"	1-13/32"	✓	1	\$286.59
60 mm		*1260M	30-1/2"	4-1/2"	3-9/32"	15/16"	1-13/32"	✓	1	\$338.21
64 mm		*1264M	30-1/2"	5-1/2"	3-1/2"	1"	1-9/16"	✓	1	\$375.84
65 mm		*1265M	31"	5-17/32"	4-1/2"	1-5/32"	1-17/32"	✓	1	\$648.58
70 mm		*1270M	32-1/2"	5-17/32"	4-1/2"	1-5/32"	1-17/32"	✓	1	\$744.03
75 mm		*1275M	34"	5-17/32"	4-11/16"	1-5/32"	1-17/32"	✓	1	\$885.43
80 mm		*1280M	35-1/2"	5-17/32"	4-11/16"	1-5/32"	1-17/32"	✓	1	\$917.61

WRENCH SETS

* BULK



ITEM	1200QMA	1200FMA
PIECES	25	15
PACKING		
	1	1
LIST PRICE	\$388.98	\$135.07

COMBINATION WRENCHES

FULL POLISHED 12-POINT SHORT COMBINATION WRENCHES



SHORT COMBINATION WRENCHES

Modern machines are more efficient, perform better and feature technological characteristics exceeding the imagination, but they are also more compact, providing less space when the time comes to repair or maintain them. To tackle this, Urrea presents its short combination wrench line.

To keep your wrenches together and in order we recommend using the different organization and storage options presented in chapter 2 of this catalog.

12-point box-end with 15° angle for comfortable handling.

Thin and compact end.

INCHES



• Exceed ASME B107.100 standard.

INDIVIDUAL WRENCHES

ITEM	OPENING SIZE	TOTAL LENGTH	OUTSIDE DIAMETER		HEAD THICKNESS		UGS	PACKING	LIST PRICE
			OPEN END	BOX END	OPEN END	BOX END			
1208T	1/4"	3"	39/64"	25/64"	9/64"	11/64"	×	6	\$5.57
1210T	5/16"	3-1/4"	45/64"	15/32"	11/64"	13/64"	×	6	\$6.17
1212T	3/8"	4-3/16"	51/64"	17/32"	3/16"	15/64"	✓	6	\$6.28
1214T	7/16"	5"	15/16"	5/8"	13/64"	1/4"	✓	6	\$7.01
1216T	1/2"	5-1/4"	1-3/32"	45/64"	7/32"	9/32"	✓	6	\$7.48
1218T	9/16"	5-3/4"	1-13/64"	53/64"	1/4"	5/16"	✓	6	\$7.79
1220T	5/8"	6-1/8"	1-21/64"	7/8"	17/64"	21/64"	✓	6	\$9.06
1222T	11/16"	6-1/2"	1-29/64"	61/64"	9/32"	11/32"	✓	6	\$9.94
1224T	3/4"	6-25/32"	1-37/64"	1-1/16"	19/64"	3/8"	✓	6	\$10.87

WRENCH SETS

ITEM	1200T9	1200T6
PIECES	9	6
PACKING		
LIST PRICE	\$66.66	\$41.60

METRIC



• Exceed ASME B107.100 standard.

INDIVIDUAL WRENCHES

ITEM	OPENING SIZE	TOTAL LENGTH	OUTSIDE DIAMETER		HEAD THICKNESS		UGS	PACKING	LIST PRICE
			OPEN END	BOX END	OPEN END	BOX END			
•1207MT	7 mm	3"	19/32"	25/64"	9/64"	11/64"	×	6	\$6.17
•1208MT	8 mm	3-1/4"	11/16"	15/32"	11/64"	13/64"	×	6	\$6.17
1209MT	9 mm	4-3/16"	13/16"	17/32"	11/64"	15/64"	✓	6	\$6.17
1210MT	10 mm	5"	15/16"	39/64"	13/64"	1/4"	✓	6	\$6.28
1211MT	11 mm	5"	15/16"	39/64"	13/64"	1/4"	✓	6	\$7.01
1212MT	12 mm	5-1/4"	1-3/32"	45/64"	7/32"	9/32"	✓	6	\$7.22
1213MT	13 mm	5-1/4"	1-3/32"	45/64"	7/32"	9/32"	✓	6	\$7.48
1214MT	14 mm	5-3/4"	1-3/16"	25/32"	15/64"	19/64"	✓	6	\$7.79
1215MT	15 mm	5-3/4"	1-3/16"	25/32"	15/64"	19/64"	✓	6	\$8.03
1216MT	16 mm	6-1/8"	1-5/16"	7/8"	17/64"	21/64"	✓	6	\$9.06
1217MT	17 mm	6-1/2"	1-5/16"	61/64"	17/64"	11/32"	✓	6	\$9.94
1218MT	18 mm	6-1/2"	1-5/16"	61/64"	17/64"	11/32"	✓	6	\$10.33
1219MT	19 mm	6-3/4"	1-9/16"	1"	9/32"	3/8"	✓	6	\$10.87

WRENCH SET

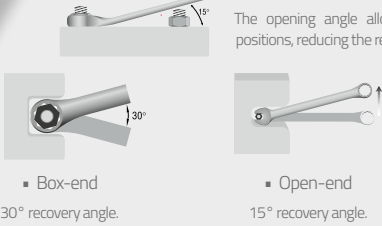
ITEM	1200MT9
PIECES	9
PACKING	
LIST PRICE	\$59.20

COMBINATION WRENCHES

FULL POLISHED 12 & 6-POINT COMBINATION WRENCHES



Combination wrenches feature two same-size openings; the open-end allows you to quickly apply low torque and the box-end allows you to apply final and greater torque.



- Box-end 30° recovery angle.
- Open-end 15° recovery angle.
- The openings are machined to precision for a perfect fit with nuts and bolts.
- Oval handle for a more comfortable grip.
- Thin openings for better access in narrow areas.

FULL POLISHED WRENCHES

COMBINATION WRENCHES

INCHES SUPER DRIVE SUPER DRIVE UGS



• Exceed ASME B107.100 standard.

INDIVIDUAL WRENCHES

OPENING SIZE	ITEM		TOTAL LENGTH	OUTSIDE DIAMETER		HEAD THICKNESS		UGS	LIST PRICE
	12	6		OPEN END	BOX END	OPEN END	BOX END		
1/4"	1208	1208H	5"	39/64"	27/64"	13/64"	15/64"	6	\$6.97
5/16"	1210	1210H	5-9/16"	45/64"	35/64"	13/64"	17/64"	6	\$7.72
3/8"	1212	1212H	6"	51/64"	19/32"	15/64"	5/16"	6	\$7.85
7/16"	1214	1214H	6-1/2"	15/16"	11/16"	1/4"	21/64"	6	\$8.77
1/2"	1216	1216H	7"	1-3/32"	25/32"	17/64"	11/32"	6	\$9.36
9/16"	1218	1218H	7-1/2"	1-13/64"	7/8"	9/32"	23/64"	6	\$9.74
5/8"	1220	1220H	8-1/8"	1-21/64"	15/16"	19/64"	25/64"	6	\$11.33
11/16"	1222	1222H	9"	1-29/64"	1-1/32"	21/64"	27/64"	6	\$12.43
3/4"	1224	1224H	9-13/16"	1-37/64"	1-7/64"	21/64"	29/64"	6	\$13.59
13/16"	1226	1226H	10-3/4"	1-11/16"	1-13/16"	3/8"	31/64"	6	\$16.15
7/8"	1228	1228H	11-9/16"	1-51/64"	1-5/16"	3/8"	33/64"	6	\$19.94
15/16"	1230	1230H	12-7/16"	1-29/32"	1-25/64"	13/32"	33/64"	6	\$22.63
1"	1232	1232H	13-5/16"	2-1/64"	1-1/2"	7/16"	37/64"	6	\$25.44
1-1/16"	1234	—	14-3/16"	2-9/64"	1-5/8"	29/64"	39/64"	1	\$31.66
1-1/8"	1236	—	15-15/32"	2-17/64"	1-11/16"	15/32"	41/64"	6	\$34.86
1-3/16"	1238	—	15-1/2"	3-1/64"	2-12/64"	39/64"	28/32"	1	\$37.85
1-1/4"	1240	—	16-7/8"	2-33/64"	1-7/8"	33/64"	45/64"	1	\$41.60
1-5/16"	*1242	—	17-3/4"	2-41/64"	1-15/16"	33/64"	3/4"	1	\$61.52
1-3/8"	*1244	—	18-5/8"	2-49/64"	2-3/4"	9/16"	25/32"	1	\$65.15
1-7/16"	*1246	—	19-7/16"	2-7/8"	2-9/64"	9/16"	13/16"	1	\$76.59
1-1/2"	*1248	—	20-3/8"	2-1/64"	2-11/64"	9/16"	51/64"	1	\$82.63
1-9/16"	*1250	—	23-1/8"	3-19/64"	2-25/64"	41/64"	57/64"	1	\$91.04
1-5/8"	*1252	—	23-1/8"	3-3/8"	2-7/16"	11/16"	7/8"	1	\$94.91
1-11/16"	*1254	—	23-1/8"	3-3/8"	2-7/16"	11/16"	15/16"	1	\$100.24
1-3/4"	*1256	—	25-1/8"	3-5/8"	2-11/16"	11/16"	15/16"	1	\$109.94
1-13/16"	*1258	—	25-1/8"	3-5/8"	2-21/32"	45/64"	31/32"	1	\$115.77
1-7/8"	*1260	—	25-1/2"	4"	2-15/16"	7/8"	1-7/32"	1	\$144.78
2"	*1264	—	25-1/2"	4"	3"	7/8"	1-7/32"	1	\$148.46

* BULK



WRENCH SETS

	12	12	12	12	12	12	12	6
ITEM	120080	1200F	1200D	1200I	1200G	12009S	1200H	1200DH
PIECES	26	15	14	11	10	9	7	13
PACKING								
LIST PRICE	\$1,216.02	\$259.41	\$193.40	\$117.65	\$141.91	\$83.37	\$69.41	\$163.32

METRIC



• Exceed ASME B107.100 standard.

INDIVIDUAL WRENCHES

mm	ITEM	TOTAL LENGTH	OUTSIDE DIAMETER		HEAD THICKNESS		UGS	LIST PRICE
			OPEN END	BOX END	OPEN END	BOX END		
6 mm	1206M	5-1/16"	39/64"	13/32"	3/16"	7/32"	6	\$7.72
7 mm	1207M	5-1/16"	39/64"	13/32"	3/16"	7/32"	6	\$6.91
8 mm	1208M	5-9/16"	11/16"	17/32"	3/16"	9/32"	6	\$6.91
9 mm	1209M	6-1/16"	13/16"	19/32"	7/32"	5/16"	6	\$6.91
10 mm	1210M	6-9/16"	15/16"	11/16"	15/64"	5/16"	6	\$7.03
11 mm	1211M	6-9/16"	15/16"	11/16"	15/64"	5/16"	6	\$7.85
12 mm	1212M	7-1/16"	1-5/64"	3/4"	1/4"	11/32"	6	\$8.09
13 mm	1213M	7-1/16"	1-5/64"	3/4"	1/4"	11/32"	6	\$8.38
14 mm	1214M	7-9/16"	1-13/64"	7/8"	17/64"	3/8"	6	\$8.72
15 mm	1215M	7-9/16"	1-13/64"	7/8"	17/64"	3/8"	6	\$8.99
16 mm	1216M	8-2/16"	1-21/64"	31/32"	9/32"	13/32"	6	\$10.15
17 mm	1217M	8-15/16"	1-7/16"	1-1/32"	9/32"	7/16"	6	\$11.13
18 mm	1218M	8-15/16"	1-7/16"	1-1/32"	5/16"	7/16"	6	\$11.57
19 mm	1219M	9-13/16"	1-9/16"	1-3/32"	21/64"	15/32"	6	\$12.17
20 mm	1220M	10-11/16"	1-11/16"	1-3/16"	5/16"	1/2"	6	\$12.90
21 mm	1221M	10-11/16"	1-11/16"	1-3/16"	11/32"	1/2"	6	\$14.47
22 mm	1222M	11-9/16"	1-25/32"	1-5/16"	3/8"	1/2"	6	\$17.86
23 mm	1223M	11-9/16"	1-25/32"	1-5/16"	3/8"	1/2"	6	\$18.90
24 mm	1224M	12-7/16"	1-29/32"	1-3/8"	25/64"	9/16"	6	\$20.46
25 mm	1225M	12-7/16"	1-29/32"	1-3/8"	25/64"	9/16"	6	\$22.79
26 mm	1226M	13-5/16"	2-1/64"	1-1/2"	13/32"	9/16"	6	\$24.79
27 mm	1227M	14-3/16"	2-1/8"	1 19/32"	7/16"	5/8"	6	\$28.36
28 mm	1228M	15-8/16"	2-17/64"	1-11/16"	7/16"	5/8"	6	\$31.19
29 mm	1229M	15-8/16"	2-17/64"	1-11/16"	7/16"	5/8"	6	\$31.23
30 mm	1230M	15-8/16"	2-17/64"	1-11/16"	7/16"	5/8"	6	\$34.43
32 mm	1232M	16-14/16"	2-1/2"	1-7/8"	15/32"	21/32"	6	\$37.27
33 mm	*1233M	17-11/16"	2-1/2"	1-7/8"	15/32"	21/32"	1	\$55.12
34 mm	*1234M	17-11/16"	2-1/2"	1-7/8"	15/32"	21/32"	1	\$60.90
36 mm	*1236M	18-10/16"	2-5/8"	1-15/16"	1/2"	23/32"	1	\$66.86
37 mm	*1237M	19-7/16"	2-5/8"	1-15/16"	1/2"	23/32"	1	\$68.62
38 mm	*1238M	20-6/16"	2-3/4"	2-1/64"	17/32"	3/4"	1	\$74.03
41 mm	*1241M	23-2/16"	2-7/8"	2-1/8"	17/32"	25/32"	1	\$85.03
42 mm	*1242M	23-2/16"	3-1/64"	55.14	9/16"	13/16"	1	\$93.54
46 mm	*1246M	28"	3-3/8"	2-5/32"	5/8"	29/32"	1	\$103.72
50 mm	*1250M	28"	3-5/8"	2-3/4"	21/32"	31/32"	1	\$133.02
51 mm	*1251M	28"	4-15/32"	2-15/16"	27/32"	1-1/4"	1	\$162.28

* BULK



WRENCH SETS

ITEM	1200QM	120070M	1200FM	1200IM	1200KM	12009M	1200HM	1200DHM
PIECES	26	19	15	11	10	9	9	13
PACKING								
LIST PRICE	\$441.27	\$1,068.41	\$150.83	\$96.56	\$99.80	\$91.11	\$74.05	\$121.80

COMBINATION WRENCHES

16 PIECES

INCHES
METRIC



ITEM	OPENING SIZE	ITEM	OPENING SIZE
1208	1/4"	1208M	8 mm
1210	5/16"	1210M	10 mm
1212	3/8"	1211M	11 mm
1214	7/16"	1212M	12 mm
1216	1/2"	1213M	13 mm
1218	9/16"	1214M	14 mm
1220	5/8"	1215M	15 mm
1222	11/16"	E553	Pouch
1224	3/4"		



• Exceed ASME B107.100 standard.

SAE & metric combination wrenches

ITEM	PIECES	LIST PRICE
1200FC	16	\$142.75

FULL POLISHED 12-POINT EXTRA-LONG COMBINATION WRENCHES

EXTRA XL LONG WRENCHES

12-point lobular design provides a 30° recovery angle, allowing you to work faster.

Oval handle provides a more comfortable grip.

Allows 35% more torque than a conventional wrench.



Nickel-chrome finish brings high corrosion resistance.



COMBINATION WRENCHES

INCHES



• Exceed ASME B107.100 standard.

WRENCH SET

ITEM	1200AL
PIECES	11
PACKING	
	11
LIST PRICE	\$171.72

INDIVIDUAL WRENCHES

OPENING SIZE	ITEM	TOTAL LENGTH	OUTSIDE DIAMETER		HEAD THICKNESS		UGS	LIST PRICE
			OPEN END	BOX END	OPEN END	BOX END		
3/8"	1212L	7-1/2"	51/64"	19/32"	15/64"	5/16"	✓ 6	\$9.02
7/16"	1214L	8"	15/16"	11/16"	1/4"	21/64"	✓ 6	\$10.08
1/2"	1216L	8-7/8"	1-3/32"	25/32"	17/64"	11/32"	✓ 6	\$10.76
9/16"	1218L	10"	1-13/64"	7/8"	9/32"	23/64"	✓ 6	\$11.20
5/8"	1220L	11-1/16"	1-21/64"	15/16"	19/64"	25/64"	✓ 6	\$13.02
11/16"	1222L	12"	1-29/64"	1-1/32"	21/64"	27/64"	✓ 6	\$14.29
3/4"	1224L	13-1/4"	1-37/64"	1-7/64"	21/64"	29/64"	✓ 6	\$15.62
13/16"	1226L	14"	1-11/16"	1-3/16"	3/8"	31/64"	✓ 6	\$18.57
7/8"	1228L	15"	1-51/64"	1-5/16"	3/8"	33/64"	✓ 6	\$22.93
15/16"	1230L	16"	1-29/32"	1-25/64"	13/32"	33/64"	✓ 6	\$26.02
1"	1232L	17"	2-1/64"	1-1/2"	7/16"	37/64"	✓ 6	\$29.25

METRIC



• Exceed ASME B107.100 standard.

WRENCH SET

ITEM	1200AML
PIECES	12
PACKING	
	1
LIST PRICE	\$148.09

INDIVIDUAL WRENCHES

OPENING SIZE	ITEM	TOTAL LENGTH	OUTSIDE DIAMETER		HEAD THICKNESS		UGS	LIST PRICE
			OPEN END	BOX END	OPEN END	BOX END		
10 mm	1210ML	8"	15/16"	11/16"	1/4"	5/16"	✓ 6	\$9.02
11 mm	1211ML	8"	15/16"	11/16"	1/4"	5/16"	✓ 6	\$10.08
12 mm	1212ML	8-7/8"	1-3/64"	51/64"	17/64"	21/64"	✓ 6	\$10.38
13 mm	1213ML	8-7/8"	1-3/64"	51/64"	17/64"	21/64"	✓ 6	\$10.76
14 mm	1214ML	10"	1-13/64"	7/8"	9/32"	11/32"	✓ 6	\$11.20
15 mm	1215ML	10"	1-13/64"	7/8"	9/32"	11/32"	✓ 6	\$11.54
16 mm	1216ML	11-1/16"	1-21/64"	31/32"	19/64"	25/64"	✓ 6	\$13.02
17 mm	1217ML	12"	1-29/64"	1-3/64"	21/64"	27/64"	✓ 6	\$14.29
18 mm	1218ML	12"	1-29/64"	1-3/64"	21/64"	27/64"	✓ 6	\$14.85
19 mm	1219ML	13-1/4"	1-37/64"	1-7/64"	21/64"	29/64"	✓ 6	\$15.62
20 mm	1220ML	14"	1 43/64"	1-13/64"	3/8"	31/64"	✓ 6	\$16.56
21 mm	1221ML	14"	1 43/64"	1-13/64"	3/8"	31/64"	✓ 6	\$18.57

12-POINT BLACK COMBINATION WRENCHES

INCHES



- Precision-machined openings for a perfect fit with nuts or bolts.
- Available in 12-point design, allowing a 30° recovery angle.
- High-quality micro-steel alloy and controlled heat treatment.
- Phosphatized finish ideal for industries where chrome particle shedding is critical.
- Exceed ASME B107.100 standard.

INDIVIDUAL WRENCHES									
OPENING SIZE	ITEM	TOTAL LENGTH	OUTSIDE DIAMETER		HEAD THICKNESS		UGS	LIST PRICE	WRENCH SETS
			OPEN END	BOX END	OPEN END	BOX END			
1/4"	1208B	5"	39/64"	27/64"	13/64"	15/64"	×	6	\$6.27
5/16"	1210B	5-9/16"	45/64"	35/64"	13/64"	17/64"	×	6	\$6.94
3/8"	1212B	6"	51/64"	19/32"	15/64"	5/16"	✓	6	\$7.06
7/16"	1214B	6-1/2"	15/16"	11/16"	1/4"	21/64"	✓	6	\$7.89
1/2"	1216B	7"	1-3/32"	25/32"	17/64"	11/32"	✓	6	\$8.42
9/16"	1218B	7-1/2"	1-13/64"	7/8"	9/32"	23/64"	✓	6	\$8.76
5/8"	1220B	8-1/8"	1-21/64"	15/16"	19/64"	25/64"	✓	6	\$10.19
11/16"	1222B	9"	1-29/64"	1-1/32"	21/64"	27/64"	✓	6	\$11.18
3/4"	1224B	9-13/16"	1-37/64"	1-7/64"	21/64"	29/64"	✓	6	\$12.23
13/16"	1226B	10-3/4"	1-11/16"	1-13/16"	3/8"	31/64"	✓	6	\$14.53
7/8"	1228B	11-9/16"	1-51/64"	1-5/16"	3/8"	33/64"	✓	6	\$17.94
15/16"	1230B	12-7/16"	1-29/32"	1-25/64"	13/32"	33/64"	✓	6	\$20.36
1"	1232B	13-5/16"	2-1/64"	1-1/2"	7/16"	37/64"	✓	6	\$22.89
1-1/16"	1234B	14-3/16"	2-9/64"	1-5/8"	29/64"	39/64"	✓	1	\$28.49
1-1/8"	1236B	15-15/32"	2-17/64"	1-11/16"	15/32"	41/64"	✓	1	\$31.37
1-3/16"	1238B	15-1/2"	3-1/64"	2-12/64"	39/64"	28/32"	✓	1	\$34.06
1-1/4"	1240B	16-7/8"	2-33/64"	1-7/8"	33/64"	45/64"	✓	1	\$37.44
1 5/16"	*1242B	17-3/4"	2-41/64"	1-15/16"	33/64"	3/4"	✓	1	\$55.36
1-7/16"	*1246B	19-7/16"	2-7/8"	2-9/64"	9/16"	13/16"	✓	1	\$68.93
1-1/2"	*1248B	20-3/8"	2-1/64"	2-11/64"	9/16"	51/64"	✓	1	\$74.36
1-5/8"	*1252B	23-1/8"	3-3/8"	2-7/16"	11/16"	7/8"	✓	1	\$85.41
1-11/16"	*1254B	23-1/8"	3-3/8"	2-7/16"	11/16"	15/16"	✓	1	\$90.21
1-3/4"	*1256B	25-1/8"	3-5/8"	2-11/16"	11/16"	15/16"	✓	1	\$98.94
1-13/16"	*1258B	25-1/8"	3-5/8"	2-21/32"	45/64"	31/32"	✓	1	\$104.19
1-7/8"	*1260B	25-1/2"	4"	2-15/16"	7/8"	1-7/32"	✓	1	\$130.30
2"	*1264B	25-1/2"	4"	3"	7/8"	1-7/32"	✓	1	\$133.61

* BULK



ITEM	1200FB	1200HB
PIECES	15	7
PACKING		
	1	1

COMBINATION WRENCHES

METRIC



- Precision-machined openings for a perfect fit with nuts or bolts.
- Available in 12-point design, allowing a 30° recovery angle.
- High-quality micro-steel alloy and controlled heat treatment.
- Phosphatized finish ideal for industries where chrome particle shedding is critical.
- Exceed ASME B107.100 standard.

INDIVIDUAL WRENCHES									
OPENING SIZE	ITEM	TOTAL LENGTH	OUTSIDE DIAMETER		HEAD THICKNESS		UGS	LIST PRICE	WRENCH SET
			OPEN END	BOX END	OPEN END	BOX END			
7 mm	1207MB	5-1/16"	39/64"	13/32"	3/16"	7/32"	×	6	\$6.94
8 mm	1208MB	5-9/16"	11/16"	17/32"	3/16"	9/32"	×	6	\$6.94
9 mm	1209MB	6-1/16"	13/16"	19/32"	7/32"	5/16"	×	6	\$6.94
10 mm	1210MB	6-9/16"	15/16"	11/16"	15/64"	5/16"	✓	6	\$7.06
11 mm	1211MB	6-9/16"	15/16"	11/16"	15/64"	5/16"	✓	6	\$7.89
12 mm	1212MB	7-1/16"	1-5/64"	3/4"	1/4"	11/32"	✓	6	\$8.12
13 mm	1213MB	7-1/16"	1-5/64"	3/4"	1/4"	11/32"	✓	6	\$8.42
14 mm	1214MB	7-9/16"	1-13/64"	7/8"	17/64"	3/8"	✓	6	\$8.76
15 mm	1215MB	7-9/16"	1-13/64"	7/8"	17/64"	3/8"	✓	6	\$9.03
16 mm	1216MB	8-2/16"	1-21/64"	31/32"	9/32"	13/32"	✓	6	\$10.19
17 mm	1217MB	8-15/16"	1-7/16"	1-1/32"	9/32"	7/16"	✓	6	\$11.18
18 mm	1218MB	8-15/16"	1-7/16"	1-1/32"	5/16"	7/16"	✓	6	\$11.62
19 mm	1219MB	9-13/16"	1-9/16"	1-3/32"	21/64"	15/32"	✓	6	\$12.23
20 mm	1220MB	10-11/16"	1-11/16"	1-3/16"	5/16"	1/2"	✓	6	\$12.96
21 mm	1221MB	10-11/16"	1-11/16"	1-3/16"	11/32"	1/2"	✓	6	\$14.53
22 mm	1222MB	11-9/16"	1-25/32"	1-5/16"	3/8"	1/2"	✓	1	\$17.94
23 mm	1223MB	11-9/16"	1-25/32"	1-5/16"	3/8"	1/2"	✓	1	\$18.99
24 mm	1224MB	12-7/16"	1-29/32"	1-3/8"	25/64"	9/16"	✓	1	\$20.36
25 mm	1225MB	12-7/16"	1-29/32"	1-3/8"	25/64"	9/16"	✓	1	\$22.89
26 mm	1226MB	13-5/16"	2-1/64"	1-1/2"	13/32"	9/16"	✓	1	\$24.90
27 mm	1227MB	14-3/16"	2-1/8"	1 19/32"	7/16"	5/8"	✓	1	\$28.49
28 mm	1228MB	15-8/16"	2-17/64"	1-11/16"	7/16"	5/8"	✓	1	\$31.33
29 mm	1229MB	15-8/16"	2-17/64"	1-11/16"	7/16"	5/8"	✓	1	\$31.37
30 mm	1230MB	15-8/16"	2-17/64"	1-11/16"	7/16"	5/8"	✓	1	\$34.46
36 mm	*1236MB	18-10/16"	2-5/8"	1-15/16"	1/2"	23/32"	✓	1	\$67.16

* BULK



ITEM	1200FMB
PIECES	15
PACKING	
	1

FULL POLISHED FLEX HEAD WRENCHES

FLEX HEAD



WRENCHES

These wrenches combine a fixed open-end with 15° of inclination and a flexible socket that can rotate 180° so it allows working at any angle and it makes easier to work in hard-to-reach places.

Manufactured with chrome-vanadium steel with a full polished finish.

Reinforced design supports torque applied with flex socket.



180° rotation.



Lobular 12-point socket box-end.

FLEX HEAD WRENCHES

INCHES



• Exceed ASME B107.100 standard.

INDIVIDUAL WRENCHES

OPENING SIZE	ITEM	TOTAL LENGTH	OPEN END		BOX END		UGS	PKT	LIST PRICE
			OUTER DIAMETER	NUT END LENGTH	HEAD THICKNESS	NUT END OUTSIDE DIAMETER			
3/8"	1270-12	7-3/32"	51/64"	7/8"	1/4"	9/16"	x	6	\$14.52
7/16"	1270-14	7-1/2"	15/16"	7/8"	5/16"	5/8"	x	6	\$16.22
1/2"	1270-16	8-1/4"	1-3/32"	1"	1/4"	3/4"	x	6	\$17.31
9/16"	1270-18	9-1/16"	1-13/64"	1-5/32"	9/32"	7/8"	x	6	\$18.01
5/8"	1270-20	9-1/4"	1-21/64"	1-9/32"	5/16"	15/16"	x	6	\$20.96
11/16"	1270-22	9-1/4"	1-29/64"	1-5/16"	5/16"	15/16"	x	6	\$22.99
3/4"	1270-24	10"	1-37/64"	1-5/16"	11/32"	1"	x	6	\$25.14

WRENCH SET

ITEM	1270HF
PIECES	7
PACKING	
	1
LIST PRICE	\$128.39

METRIC



• Exceed ASME B107.100 standard.

INDIVIDUAL WRENCHES

OPENING SIZE	ITEM	TOTAL LENGTH	OPEN END		BOX END		UGS	PKT	LIST PRICE
			OUTER DIAMETER	NUT END LENGTH	HEAD THICKNESS	NUT END OUTSIDE DIAMETER			
10 mm	1270-10M	7-3/32"	15/16"	7/8"	3/16"	9/16"	x	6	\$14.52
11 mm	1270-11M	7-1/2"	15/16"	7/8"	9/32"	5/8"	x	6	\$16.22
12 mm	1270-12M	7-11/16"	1 3/64"	1"	9/32"	11/16"	x	6	\$16.70
13 mm	1270-13M	8-1/4"	1 3/64"	1 1/8"	1/4"	3/4"	x	6	\$17.31
14 mm	1270-14M	9-1/16"	1-13/64"	1-5/32"	9/32"	7/8"	x	6	\$18.01
15 mm	1270-15M	9-1/16"	1-13/64"	1-1/4"	9/32"	15/16"	x	6	\$18.57
16 mm	1270-16M	9-1/4"	1-21/64"	1-1/4"	5/16"	15/16"	x	6	\$20.96
17 mm	1270-17M	9-1/4"	1-29/64"	1-1/4"	5/16"	15/16"	x	6	\$22.99
18 mm	1270-18M	10"	1-29/64"	1-1/4"	3/8"	1"	x	6	\$23.90
19 mm	1270-19M	10"	1-37/64"	1-1/4"	3/8"	1"	x	6	\$25.14

WRENCH SET

ITEM	1270HMF
PIECES	10
PACKING	
	1
LIST PRICE	\$184.60

FULL POLISHED OPEN-END WRENCHES

INCHES



- Thin ends for better access in narrow areas.
- Available in SAE and metric to fit a great variety of nuts and bolts.
- The openings are machined to precision for a perfect fit with nuts and bolts.
- High-quality molybdenum-vanadium steel alloy and controlled thermal-treatment.
- Exceed ASME B107.100 standard.

INDIVIDUAL WRENCHES

OPENING SIZE	ITEM	TOTAL LENGTH	OUTER DIAMETER		HEAD THICKNESS	UGS	PACKING	LIST PRICE
			1	2				
3/16" x 1/4"	3016	3-7/8"	1/2"	29/64"	5/32"	×	6	\$6.79
1/4" x 5/16"	3018	4-1/2"	23/32"	39/64"	5/32"	×	6	\$6.95
5/16" x 3/8"	3020	5-1/8"	13/16"	45/64"	3/16"	×	6	\$7.35
3/8" x 7/16"	3021	5-3/4"	59/64"	13/16"	3/16"	✓	6	\$7.86
7/16" x 1/2"	3025	6-3/8"	1-1/32"	29/32"	7/32"	✓	6	\$8.37
1/2" x 9/16"	3026	7"	1-3/16"	1-1/32"	1/4"	✓	6	\$8.96
9/16" x 5/8"	3030	7-5/8"	1-9/32"	1-5/32"	1/4"	✓	6	\$11.19
5/8" x 3/4"	3031	8-19/32"	1-37/64"	1-9/32"	9/32"	✓	6	\$13.41
19/32" x 11/16"	3033	8-1/4"	1-13/32"	1-9/32"	9/32"	✓	6	\$13.67
5/8" x 11/16"	3034	8-1/4"	1-13/32"	1-9/32"	9/32"	✓	6	\$13.78
11/16" x 3/4"	3035	8-7/8"	1-37/64"	1-13/32"	5/16"	✓	6	\$14.93
13/16" x 3/4"	3038	9-1/2"	1-21/32"	1-37/64"	5/16"	✓	6	\$16.63
3/4" x 7/8"	3039	9-1/2"	1-25/32"	1-37/64"	5/16"	✓	6	\$17.80
13/16" x 7/8"	3040	10-1/8"	1-25/32"	1-21/32"	7/16"	✓	6	\$20.36
15/16" x 1"	3045	11-3/8"	2-1/32"	1-29/32"	7/16"	✓	6	\$24.28
1-1/16" x 1-1/8"	3050	12-5/8"	2-1/4"	2-9/64"	1/2"	✓	1	\$30.76
1-1/16" x 1-1/4"	3051	13-9/16"	2-1/2"	2-9/64"	17/32"	✓	1	\$46.32
1-1/4" x 1-5/16"	3055	14-1/2"	2-5/8"	2-33/64"	9/16"	✓	1	\$55.19
1-3/8" x 1-7/16"	*3060	15-3/4"	2-7/8"	2-45/64"	21/32"	✓	1	\$60.82
1-1/2" x 1-5/8"	*3070	17"	3-1/4"	2-61/64"	9/16"	✓	1	\$77.80
1-11/16" x 1-13/16"	*3075	18"	3-5/8"	3-23/32"	11/16"	✓	1	\$114.86
1-7/8" x 2"	*3080	18"	4-1/32"	3-23/32"	11/16"	✓	1	\$148.96

WRENCH SETS

ITEM	3000G	3000H	3000D	3000C	3000N
PIECES	15	10	10	7	5
PACKING					
	1	1	1	1	1
LIST PRICE	\$182.71	\$139.23	\$120.29	\$88.60	\$60.13

OPEN-END WRENCHES

METRIC



- Thin ends for better access in narrow areas.
- Available in SAE and metric to fit a great variety of nuts and bolts.
- The openings are machined to precision for a perfect fit with nuts and bolts.
- High-quality molybdenum-vanadium steel alloy and controlled thermal-treatment.
- Exceed ASME B107.100 standard.

INDIVIDUAL WRENCHES

OPENING SIZE	ITEM	TOTAL LENGTH	OUTER DIAMETER		HEAD THICKNESS	UGS	PACKING	LIST PRICE
			1	2				
6 x 7 mm	30607	4-1/2"	23/32"	19/32"	3/16"	×	6	\$6.79
8 x 9 mm	30809	5-1/8"	13/16"	11/16"	3/16"	×	6	\$7.35
8 x 10 mm	30810	5-1/8"	13/16"	11/16"	3/16"	✓	6	\$7.86
9 x 10 mm	30910	5-1/8"	13/16"	11/16"	3/16"	✓	6	\$8.37
10 x 11 mm	31011	5-3/4"	29/32"	13/16"	7/32"	✓	6	\$8.37
10 x 12 mm	31012	5-3/4"	29/32"	13/16"	7/32"	✓	6	\$9.37
12 x 13 mm	31213	6-3/8"	1-1/32"	29/32"	7/32"	✓	6	\$10.30
14 x 15 mm	31415	7-5/8"	1-9/32"	1-5/32"	1/4"	✓	6	\$11.19
14 x 17 mm	31417	7-5/8"	1-9/32"	1-5/32"	1/4"	✓	6	\$12.22
16 x 17 mm	31617	8-1/4"	1-13/32"	1-9/32"	9/32"	✓	6	\$13.76
18 x 19 mm	31819	8-7/8"	1-9/16"	1-13/32"	9/32"	✓	6	\$16.63
19 x 22 mm	31922	9-1/2"	1-25/32"	1-9/16"	11/32"	✓	6	\$17.80
20 x 21 mm	32021	9-3/4"	1-25/32"	1-9/16"	11/32"	✓	6	\$19.58
21 x 22 mm	32122	10-1/8"	1-25/32"	1-21/32"	11/32"	✓	6	\$20.36
24 x 27 mm	32427	11-3/8"	2-1/32"	1-29/32"	3/8"	✓	6	\$24.28
25 x 28 mm	32528	12-5/8"	2-1/4"	2-1/8"	13/32"	✓	6	\$30.76
27 x 32 mm	32732	13-9/16"	2-1/2"	2-1/8"	7/16"	✓	6	\$46.32
32 x 36 mm	*33236	15-3/4"	2-7/8"	2-11/16"	17/32"	✓	6	\$55.19
36 x 41 mm	*33641	17"	3-1/4"	2-15/16"	9/16"	✓	6	\$60.82

WRENCH SETS

ITEM	30000A	30000RM	30000R
PIECES	10	9	6
PACKING			
	1	1	1
LIST PRICE	\$129.98	\$113.07	\$64.22

SERVICE WRENCHES

INCHES



- Thin design facilitates work in hard to reach places.
- Polished satin finish.
- 30° opening.
- Satin finish handle protects against corrosion.
- Exceed ASME B107.100 standard.

INDIVIDUAL WRENCHES

OPENING SIZE	ITEM	TOTAL LENGTH	OUTER DIAMETER	JAW DEPTH	HEAD THICKNESS	UGS	PACKING	LIST PRICE
3/4"	U3524	6-5/8"	1-21/32"	57/64"	1/4"	✓	6	\$11.59
13/16"	U3526	6-5/8"	1-21/32"	57/64"	1/4"	✓	6	\$11.59
7/8"	U3528	6-5/8"	1-21/32"	29/32"	1/4"	✓	6	\$11.59
15/16"	U3530	6-7/8"	1-7/8"	1-1/32"	1/4"	✓	6	\$13.03
1"	U3532	6-7/8"	1-7/8"	1-1/32"	1/4"	✓	6	\$13.03
1-1/16"	U3534	6-7/8"	1-7/8"	1-1/32"	1/4"	✓	6	\$13.32
1-1/8"	U3536	7"	2-1/16"	1-1/16"	1/4"	✓	6	\$14.67
1-3/16"	U3538	7"	2-1/16"	1-1/16"	1/4"	✓	6	\$14.67
1-1/4"	U3540	7"	2-1/16"	1-3/32"	1/4"	✓	6	\$15.61
1-5/16"	U3542	7-5/8"	2-1/2"	1-9/32"	9/32"	✓	1	\$15.61
1-3/8"	U3544	7-5/8"	2-1/2"	1-9/32"	9/32"	✓	1	\$15.61
1-7/16"	U3546	7-5/8"	2-1/2"	1-5/16"	9/32"	✓	1	\$15.61
1-1/2"	U3548	7-5/8"	2-5/8"	1-5/16"	9/32"	✓	1	\$16.22
1-9/16"	U3550	7-5/8"	2-5/8"	1-11/32"	9/32"	✓	1	\$18.55
1-5/8"	U3552	7-5/8"	2-5/8"	1-11/32"	9/32"	✓	1	\$18.55
1-11/16"	U3554	7-5/8"	2-5/8"	1-11/32"	9/32"	✓	1	\$18.55
1-3/4"	U3556	8-1/2"	3-1/8"	1-23/32"	5/16"	✓	1	\$24.07
1-13/16"	U3558	8-1/2"	3-1/8"	1-23/32"	5/16"	✓	1	\$25.25
1-7/8"	U3560	8-1/2"	3-1/8"	1-3/4"	5/16"	✓	1	\$25.25
1-15/16"	U3562	8-1/2"	3-1/8"	1-15/16"	5/16"	✓	1	\$25.25
2"	U3564	8-1/2"	3-1/2"	1-15/16"	5/16"	✓	1	\$25.25
2-1/8"	U3568	8-1/2"	3-1/2"	1-15/16"	5/16"	✗	1	\$25.25
2-1/4"	U3572	8-1/2"	3-1/2"	1-15/16"	5/16"	✗	1	\$25.25
2-3/8"	U3576	8-1/2"	3-1/2"	1-15/16"	5/16"	✗	1	\$26.40
2-1/2"	U3580	8-1/2"	3-1/2"	1-31/32"	5/16"	✗	1	\$26.40
2-9/16"	U3582	8-1/2"	3-1/2"	1-31/32"	5/16"	✗	1	\$26.40

WRENCH SETS

ITEM	U3500B	U3500A
PIECES	13	13
PACKING		
	1	1
LIST PRICE	\$294.89	\$173.04

SERVICE WRENCHES

METRIC



- Thin design facilitates work in hard to reach places.
- Polished satin finish.
- 30° opening.
- Satin finish handle protects against corrosion.
- Exceed ASME B107.100 standard.

INDIVIDUAL WRENCHES

OPENING SIZE	ITEM	TOTAL LENGTH	OUTER DIAMETER	JAW DEPTH	HEAD THICKNESS	UGS	PACKING	LIST PRICE
19 mm	U3519M	6-5/8"	1-21/32"	57/64"	1/4"	✓	6	\$11.59
21 mm	U3521M	6-5/8"	1-21/32"	29/32"	1/4"	✓	6	\$11.59
22 mm	U3522M	6-5/8"	1-21/32"	29/32"	1/4"	✓	6	\$11.59
24 mm	U3524M	6-7/8"	1-7/8"	1-1/32"	1/4"	✓	6	\$13.03
27 mm	U3527M	6-7/8"	1-7/8"	1-1/16"	1/4"	✓	6	\$13.32
30 mm	U3530M	7"	2-1/16"	1-3/32"	1/4"	✓	6	\$14.67
32 mm	U3532M	7"	2-1/16"	1-3/32"	1/4"	✓	6	\$15.61
36 mm	U3536M	7-5/8"	2-1/2"	1-9/32"	9/32"	✓	1	\$15.61
37 mm	U3537M	7-5/8"	2-1/2"	1-5/16"	9/32"	✓	1	\$16.22
38 mm	U3538M	7-5/8"	2-1/2"	1-5/16"	9/32"	✓	1	\$18.57
41 mm	U3541M	7-5/8"	2-5/8"	1-11/32"	9/32"	✓	1	\$18.55
46 mm	U3546M	8-1/2"	3-1/8"	1-23/32"	5/16"	✗	1	\$25.25
50 mm	U3550M	8-1/2"	3-1/8"	1-3/4"	5/16"	✗	1	\$25.25
55 mm	U3555M	8-1/2"	3-1/2"	1-15/16"	5/16"	✗	1	\$25.25
60 mm	U3560M	8-1/2"	3-1/2"	1-31/32"	5/16"	✗	1	\$26.40
65 mm	U3565M	8-1/2"	3-1/2"	1-31/32"	5/16"	✗	1	\$26.40

WRENCH SETS

ITEM	U3500AM	U3500BM
PIECES	10	6
PACKING		
	1	1
LIST PRICE	\$134.71	\$139.74

FULL POLISHED 12-POINT 15° BOX-END WRENCHES



Nickel-chrome finish prevents corrosion and full-polish finish makes easy to clean.



Oval handle for a more comfortable grip.



15° offset angle facilitates performance in difficult areas.



30° recuperation angle.

15° BOX-END WRENCHES

INCHES



• Exceed ASME B107.100 standard.

										WRENCH SETS		
										ITEM	1100D	1100H
										PIECES	10	7
										PACKING		
										LIST PRICE	\$143.15	\$102.71
INDIVIDUAL WRENCHES										* BULK		
OPENING SIZE	ITEM	TOTAL LENGTH	OUTER DIAMETER		HEAD THICKNESS		PIECES	LIST PRICE	PIECES	LIST PRICE	PIECES	
			1	2	1	2						
5/16" x 3/8"	1120	4-1/4"	15/32"	15/32"	9/32"	1/4"	6	\$9.53	•	•	•	
3/8" x 7/16"	1122	4-5/8"	41/64"	9/16"	5/16"	9/32"	6	\$9.53	•	•	•	
7/16" x 1/2"	1125	5"	23/32"	41/64"	21/64"	5/16"	6	\$10.34	•	•	•	
1/2" x 9/16"	1126	5-3/8"	51/64"	23/32"	23/64"	21/64"	6	\$10.46	•	•	•	
9/16" x 5/8"	1130	5-3/4"	57/64"	51/64"	13/32"	11/32"	6	\$12.16	•	•	•	
5/8" x 11/16"	1134	10-5/8"	63/64"	57/64"	7/16"	13/32"	6	\$14.92	•	•	•	
11/16" x 3/4"	1135	11-1/4"	1-1/16"	31/32"	15/32"	7/16"	6	\$16.13	•	•	•	
3/4" x 7/8"	1139	13-1/8"	1-15/64"	1-1/16"	33/64"	15/32"	6	\$18.12	•	•	•	
13/16" x 7/8"	1140	13-7/8"	1-15/64"	1-5/32"	17/32"	1/2"	6	\$21.91	•	•	•	
15/16" x 1"	1145	15-1/2"	1-27/64"	1-21/64"	9/16"	9/16"	6	\$27.59	•	•	•	
1-1/16" x 1-1/8"	1150	17-1/4"	1-37/64"	1-1/2"	41/64"	19/32"	6	\$43.00	•	•	•	
1-1/16" x 1-1/4"	1151	18-1/4"	1-47/64"	1-1/2"	43/64"	19/32"	6	\$48.00	•	•	•	
1-1/4" x 1-5/16"	1155	19-1/4"	1-13/16"	1-3/4"	45/64"	11/16"	6	\$55.30	•	•	•	
1-1/4" x 1-3/8"	1160	20-1/4"	1-29/32"	1-3/4"	23/32"	11/16"	6	\$71.26	•	•	•	
1-7/16" x 1-1/2"	*1162	22-1/4"	2-1/16"	1-63/64"	51/64"	25/32"	6	\$83.57	•	•	•	
1-5/8" x 1-11/16"	*1164	24-1/2"	2-25/64"	2-25/64"	21/32"	7/8"	6	\$110.49	•	•	•	

BOX-END WRENCHES

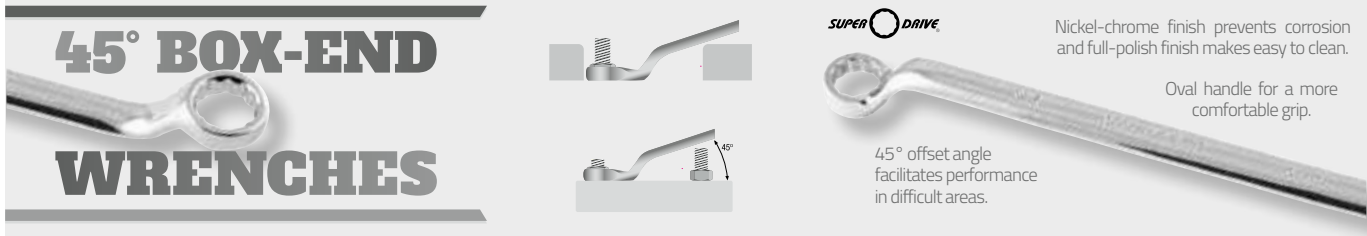
METRIC



• Exceed ASME B107.100 standard.

										WRENCH SETS		
										ITEM	1100SM	1100DM
										PIECES	11	7
										PACKING		
										LIST PRICE	\$198.31	\$78.91
INDIVIDUAL WRENCHES										* BULK		
OPENING SIZE	ITEM	TOTAL LENGTH	OUTER DIAMETER		HEAD THICKNESS		PIECES	LIST PRICE	PIECES	LIST PRICE	PIECES	
			1	2	1	2						
8 x 9 mm	1051M	4-1/4"	17/32"	15/32"	9/32"	1/4"	6	\$9.53	•	•	•	
8 x 10 mm	1052M	4-5/8"	5/8"	9/16"	5/16"	9/32"	6	\$9.53	•	•	•	
10 x 11 mm	1053M	4-5/8"	5/8"	9/16"	5/16"	9/32"	6	\$9.53	•	•	•	
11 x 13 mm	1054M	5"	11/16"	5/8"	5/16"	5/16"	6	\$10.34	•	•	•	
12 x 13 mm	1057M	5-3/8"	25/32"	23/32"	11/32"	5/16"	6	\$10.46	•	•	•	
14 x 15 mm	1061M	5-3/4"	29/32"	25/32"	13/32"	11/32"	6	\$12.16	•	•	•	
16 x 18 mm	1064M	10-5/8"	1"	7/8"	7/16"	13/32"	6	\$14.92	•	•	•	
17 x 19 mm	1065M	11-1/4"	1-1/16"	31/32"	7/16"	7/16"	6	\$16.13	•	•	•	
21 x 24 mm	1072M	13-7/8"	1-11/32"	1-1/4"	17/32"	1/2"	6	\$18.12	•	•	•	
22 x 24 mm	1073M	13-7/8"	1-11/32"	1-1/4"	17/32"	1/2"	6	\$21.91	•	•	•	
27 x 30 mm	1077M	17-1/4"	1-9/16"	1-1/2"	5/8"	19/32"	6	\$37.24	•	•	•	
30 x 32 mm	1079M	19-1/4"	1-13/16"	1-3/4"	11/16"	21/32"	6	\$48.41	•	•	•	

FULL POLISHED 12-POINT 45° BOX-END WRENCHES



Nickel-chrome finish prevents corrosion and full-polish finish makes easy to clean.

Oval handle for a more comfortable grip.

45° offset angle facilitates performance in difficult areas.

FLARE NUT WRENCHES

INCHES



• Exceed ASME B107.100 standard.

INDIVIDUAL WRENCHES							
INCH OPENING SIZE	ITEM	TOTAL LENGTH	OUTER DIAMETER		HEAD THICKNESS		PIECES
			1	2	1	2	
3/8" x 7/16"	8180	7-13/16"	25/32"	11/16"	5/16"	3/16"	6
1/2" x 9/16"	8181	9-1/16"	27/32"	3/4"	5/16"	5/16"	6
5/8" x 11/16"	8182	10-5/16"	1"	29/32"	13/32"	11/32"	6
25/32" x 13/16"	8183	11-1/2"	1-1/8"	1-1/8"	7/16"	7/16"	6
3/4" x 7/8"	8184	12-3/4"	1-9/32"	1-3/32"	1/2"	15/32"	6
15/16" x 1"	8185	14-1/16"	1-13/32"	1-11/32"	9/16"	9/16"	6
1-1/16" x 1-1/8"	8186	15-1/32"	1-17/32"	1-5/8"	11/16"	5/8"	6

WRENCH SET	
ITEM	8100C
PIECES	6
PACKING	
	1
LIST PRICE	\$120.44

METRIC



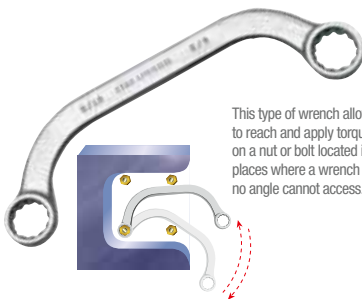
• Exceed ASME B107.100 standard.

INDIVIDUAL WRENCHES							
MM OPENING SIZE	ITEM	TOTAL LENGTH	OUTER DIAMETER		HEAD THICKNESS		PIECES
			1	2	1	2	
9 x 11 mm	80911	7-3/4"	5/8"	11/16"	5/16"	1/4"	6
10 x 11 mm	81011	7-3/4"	5/8"	9/16"	5/16"	1/4"	6
12 x 13 mm	81213	9"	7/8"	3/4"	5/16"	5/16"	6
12 x 15 mm	81215	9"	7/8"	3/4"	5/16"	5/16"	6
13 x 14 mm	81314	9"	7/8"	3/4"	5/16"	5/16"	6
14 x 15 mm	81415	9"	7/8"	3/4"	5/16"	5/16"	6
15 x 16 mm	81516	9"	7/8"	3/4"	5/16"	5/16"	6
16 x 17 mm	81617	10-5/16"	1"	15/16"	3/8"	3/8"	6
19 x 22 mm	81922	12-3/4"	1-1/8"	1-1/8"	1/2"	7/16"	6
24 x 26 mm	82426	14"	1-1/8"	1-3/8"	9/16"	9/16"	6

WRENCH SET	
ITEM	8100CM
PIECES	6
PACKING	
	1
LIST PRICE	\$111.29

OBSTRUCTION WRENCHES

INCHES



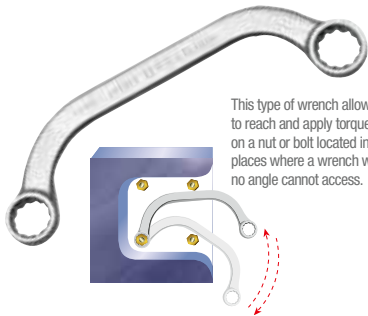
This type of wrench allows to reach and apply torque on a nut or bolt located in places where a wrench with no angle cannot access.

• Exceed ASME B107.100 standard.

INDIVIDUAL WRENCHES							
INCH OPENING SIZE	ITEM	TOTAL LENGTH	OUTER DIAMETER		HEAD THICKNESS		PIECES
			1	2	1	2	
7/16" x 1/2"	1725	5 7/8"	49/64"	11/16"	23/64"	23/64"	6
9/16" x 5/8"	1730	6-11/16"	15/16"	55/64"	3/8"	3/8"	6
5/8" x 3/4"	1731	7-11/16"	1-1/16"	15/16"	13/32"	13/32"	6

WRENCH SET	
ITEM	1700A
PIECES	3
PACKING	
	1
LIST PRICE	\$43.70

METRIC SUPER DRIVE



This type of wrench allows to reach and apply torque on a nut or bolt located in places where a wrench with no angle cannot access.

• Exceed ASME B107.100 standard.

INDIVIDUAL WRENCHES									
mm	ITEM	TOTAL LENGTH	OUTER DIAMETER		HEAD THICKNESS		LIST PRICE	PIECES	PACKING
			1	2	1	2			
10 x 12 mm	171012	5-55/64"	49/64"	11/16"	23/64"	23/64"	6	\$12.99	•
11 x 13 mm	171113	5-55/64"	49/64"	11/16"	23/64"	23/64"	6	\$13.37	•
14 x 15 mm	171415	6-45/64"	15/16"	4-51/64"	3/8"	3/8"	6	\$14.66	•
16 x 19 mm	171619	7-11/16"	1-1/8"	15/16"	13/32"	13/32"	6	\$18.35	•
17 x 18 mm	171718	7-11/16"	1-1/8"	15/16"	13/32"	13/32"	6	\$18.35	•

WRENCH SETS

ITEM	1700CM	1700AM
PIECES	5	4
PACKING		
LIST PRICE	\$73.83	\$56.40

FULL POLISHED FLARE NUT WRENCHES

INCHES



• Exceed ASME B107.100 standard.

This unique design is mainly used in repairs and maintenance of refrigeration systems, where often times the nuts or couplings are made from soft materials, thus the importance of having a perfect fit, to avoid damaging the parts.



• They help tighten or loosen pipe joints made mainly with soft metals, like bronze, copper and aluminum. They have an ergonomic geometry that improves grip and fastening since their openings are precision-cut.

INDIVIDUAL WRENCHES									
IN	ITEM	TOTAL LENGTH	OUTER DIAMETER		HEAD THICKNESS		LIST PRICE	PIECES	PACKING
			1	2	1	2			
3/8" x 7/16"	3764	6-5/8"	13/16"	59/64"	23/64"	13/32"	6	\$13.38	•
1/2" x 9/16"	3768	7-9/16"	1-1/64"	1-3/32"	13/32"	15/32"	6	\$15.83	•
5/8" x 11/16"	3772	8-13/16"	1-1/8"	1-15/64"	29/64"	33/64"	6	\$17.51	•

WRENCH SET

ITEM	3760
PIECES	3
PACKING	
LIST PRICE	\$44.38

METRIC



• Exceed ASME B107.100 standard.

INDIVIDUAL WRENCHES									
mm	ITEM	TOTAL LENGTH	OUTER DIAMETER		HEAD THICKNESS		LIST PRICE	PIECES	PACKING
			1	2	1	2			
9 x 11 mm	3709M	6-5/8"	13/16"	59/64"	23/64"	13/32"	6	\$15.83	•
10 x 12 mm	3710M	6-5/8"	13/16"	59/64"	23/64"	13/32"	6	\$15.83	•
13 x 14 mm	3713M	7-9/16"	1-1/64"	1-3/32"	13/32"	15/32"	6	\$15.83	•
15 x 17 mm	3715M	8-11/16"	1-1/8"	1-15/64"	15/32"	33/64"	6	\$17.51	•
16 x 18 mm	3716M	8-11/16"	1-1/8"	1-15/64"	15/32"	33/64"	6	\$18.38	•

WRENCH SET

ITEM	3700M
PIECES	5
PACKING	
LIST PRICE	\$79.21

QUICK RELEASE FLARE NUT WRENCHES

INCHES



• Quick-Release system brings great speed on work by using the switch, the user will not need to remove the wrench head from the workpiece.
 • Designed for use on 6 and 12 point tube fittings, fasteners, valves and compression fittings.
 • Black finishes are oil-based and are non-reflective, corrosion-resistant.
 • Exceed ASME B107.100 standard.

INDIVIDUAL WRENCHES									
ITEM	OPENING SIZE	LENGTH	LIST PRICE	PIECES	PACKING				
						3812	3/8"	5-1/4"	1
3814	7/16"	5-1/4"	1	\$38.79	•				
3816	1/2"	5-1/4"	1	\$38.79	•				
3818	9/16"	7 1/4"	1	\$44.40	•				
3820	5/8"	7 1/4"	1	\$44.40	•				
3822	11/16"	7 1/4"	1	\$44.40	•				
3824	3/4"	7 1/4"	1	\$44.83	•				

WRENCH SET

ITEM	3800A
PIECES	7
PACKING	
LIST PRICE	\$279.68

COMBINATION RATCHETING WRENCHES

INCHES



- Ideal to work when long studs are present.
- Exceed ASME B107.100 standard.

RATCHETING WRENCHES

NEW

INDIVIDUAL WRENCHES

OPENING SIZE	ITEM	TOTAL LENGTH	OUTSIDE DIAMETER		HEAD THICKNESS		TEETH	SWING ARC	PIECES	LIST PRICE
			OPEN END	BOX END	OPEN END	BOX END				
1/4"	1208CM	5-1/2"	1/4"	5/16"	17/32"	3/16"	72	5°	1	\$16.15
5/16"	1210CM	5-1/2"	9/32"	3/8"	5/8"	7/32"	72	5°	1	\$16.87
3/8"	1212CM	6-3/16"	5/16"	7/16"	11/16"	1/4"	72	5°	1	\$17.16
7/16"	1214CM	6-1/2"	15/32"	1/2"	27/32"	7/32"	72	5°	1	\$19.17
1/2"	1216CM	7"	9/16"	9/16"	31/32"	9/32"	72	5°	1	\$21.47
9/16"	1218CM	7-1/2"	17/32"	19/32"	1-3/32"	5/16"	72	5°	1	\$22.55
5/8"	1220CM	8-1/8"	11/16"	5/8"	1-1/4"	11/32"	72	5°	1	\$25.49
11/16"	1222CM	9-13/16"	21/32"	11/16"	1-11/32"	11/32"	72	5°	1	\$28.50
3/4"	1224CM	9-3/4"	11/16"	3/4"	1-15/32"	3/8"	72	5°	1	\$29.05
13/16"	1226CM	10-5/16"	7/8"	7/8"	1-1/2"	7/16"	72	5°	1	\$35.22
7/8"	1228CM	11-5/16"	3/4"	15/16"	1-21/32"	1/2"	72	5°	1	\$38.02
15/16"	1230CM	5-1/2"	29/32"	1"	1-23/32"	15/32"	72	5°	1	\$42.86
1"	1232CM	12-5/8"	2-3/16"	2"	3/8"	19/32"	72	5°	1	\$47.49
1-1/16"	1234CM	14-1/8"	2-3/16"	2-1/16"	13/32"	5/8"	72	5°	1	\$84.72
1-1/8"	1236CM	14-1/8"	2-3/16"	2-1/16"	27/64"	5/8"	72	5°	1	\$97.01
1-1/4"	1240CM	16-11/16"	2-17/32"	2-5/16"	17/32"	11/16"	72	5°	1	\$122.41
1-5/16"	1242CM*	16-11/16"	3-1/16"	2-5/8"	39/64"	3/4"	72	5°	1	\$196.74
1-3/8"	1244CM*	19"	3-1/16"	2-5/8"	39/64"	47/64"	72	5°	1	\$196.74
1-7/16"	1246CM*	19"	3-1/16"	2-9/16"	39/64"	47/64"	72	5°	1	\$196.74

* BULK

WRENCH SETS

ITEM	1201CM	1200CM
PIECES	12	7
PACKING		
LIST PRICE	\$296.88	\$144.17

METRIC



- Ideal to work when long studs are present.
- Exceed ASME B107.100 standard.

NEW

INDIVIDUAL WRENCHES

OPENING SIZE	ITEM	TOTAL LENGTH	OUTSIDE DIAMETER		HEAD THICKNESS		TEETH	SWING ARC	PIECES	LIST PRICE
			OPEN END	BOX END	OPEN END	BOX END				
6 mm	1206MCM	5-1/2"	21/32"	43/64"	3/16"	7/32"	72	5°	1	\$16.66
7 mm	1207MCM	5-1/2"	21/32"	21/32"	3/16"	15/64"	72	5°	1	\$16.66
8 mm	1208MCM	5-1/2"	1/4"	17/32"	5/8"	1/4"	72	5°	1	\$17.71
9 mm	1209MCM	6-7/8"	3/8"	19/32"	23/32"	9/32"	72	5°	1	\$17.88
10 mm	1210MCM	6-1/4"	5/16"	11/16"	23/32"	5/16"	72	5°	1	\$18.01
11 mm	1211MCM	6-1/2"	7/16"	11/16"	27/32"	5/16"	72	5°	1	\$19.93
12 mm	1212MCM	6-3/4"	15/32"	25/32"	31/32"	5/16"	72	5°	1	\$20.51
13 mm	1213MCM	7"	1/2"	25/32"	15/16"	5/16"	72	5°	1	\$20.85
14 mm	1214MCM	7-1/2"	17/32"	7/8"	1-1/8"	11/32"	72	5°	1	\$22.34
15 mm	1215MCM	7-13/16"	17/32"	7/8"	1-3/32"	11/32"	72	5°	1	\$23.46
16 mm	1216MCM	8-3/16"	9/16"	31/32"	1-1/4"	3/8"	72	5°	1	\$26.48
17 mm	1217MCM	8-13/16"	11/16"	1-1/32"	1-9/32"	13/32"	72	5°	1	\$28.77
18 mm	1218MCM	9-1/4"	5/8"	1-1/32"	1-11/32"	13/32"	72	5°	1	\$29.92
19 mm	1219MCM	9-3/4"	3/4"	1-3/32"	1-7/16"	7/16"	72	5°	1	\$31.48
20 mm	1220MCM	9-3/4"	1-5/8"	1-13/32"	5/16"	7/16"	72	5°	1	\$32.12
21 mm	1221MCM	11-5/16"	27/32"	1-3/16"	1-1/2"	15/32"	72	5°	1	\$33.35
22 mm	1222MCM	11-5/16"	27/32"	1-5/16"	1-5/8"	1/2"	72	5°	1	\$34.89
24 mm	1224MCM	12-9/16"	27/32"	1-13/32"	1-23/32"	17/32"	72	5°	1	\$39.14
25 mm	1225MCM	12-5/8"	2-1/32"	1-13/16"	25/64"	19/32"	72	5°	1	\$47.49
27 mm	1227MCM	14-1/8"	2-3/16"	2-1/32"	27/64"	5/8"	72	5°	1	\$84.72
30 mm	1230MCM	16-11/16"	2-9/16"	2-5/16"	17/32"	11/16"	72	5°	1	\$122.41
32 mm	1232MCM	16-11/16"	2-35/64"	2-11/32"	35/64"	45/64"	72	5°	1	\$122.41
34 mm	1234MCM*	19"	3-1/16"	2-5/8"	37/64"	49/64"	72	5°	1	\$192.25
36 mm	1236MCM*	19"	3-3/32"	2-5/8"	37/64"	49/64"	72	5°	1	\$192.25

* BULK

WRENCH SETS

ITEM	1201MCM	1200MCM
PIECES	15	7
PACKING		
LIST PRICE	\$365.48	\$145.16

12-POINT SHORT COMBINATION RATCHETING WRENCHES

7 PIECES INCHES



OPENING SIZE	OPENING SIZE	OPENING SIZE
5/16"	1/2"	3/4"
3/8"	9/16"	
7/16"	5/8"	

SAE short combination ratcheting wrench set

ITEM	PIECES	LIST PRICE
12MS7	7	\$133.50

- Ideal in tight areas.
- Exceed ASME B107.100 standard.

7 PIECES METRIC



OPENING SIZE	OPENING SIZE	OPENING SIZE
8 mm	13 mm	19 mm
10 mm	14 mm	
12 mm	15 mm	

Metric short combination ratcheting wrench set

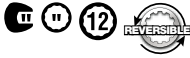
ITEM	PIECES	LIST PRICE
12MS7M	7	\$133.50

- Ideal in tight areas.
- Exceed ASME B107.100 standard.

12-POINT REVERSIBLE COMBINATION RATCHETING WRENCH SETS

7
PIECES

INCHES



NEW

OPENING SIZE
5/16"
3/8"
7/16"
1/2"
9/16"
5/8"
3/4"



SAE reversible combination ratcheting wrench set

ITEM	PIECES	LIST PRICE
12MR7	7	\$181.84

• Exceed ASME B107.100 standard.

7
PIECES

METRIC



NEW

OPENING SIZE
8 mm
10 mm
12 mm
13 mm
14 mm
15 mm
19 mm



Metric reversible combination ratcheting wrench set

ITEM	PIECES	LIST PRICE
12MR7M	7	\$181.84

• Exceed ASME B107.100 standard.

12-POINT FLEX COMBINATION RATCHETING WRENCH SETS

7
PIECES

INCHES



NEW

OPENING SIZE
5/16"
3/8"
7/16"
1/2"
9/16"
5/8"
3/4"



SAE flex combination ratcheting wrench set

ITEM	PIECES	LIST PRICE
12MF7	7	\$206.13

• Exceed ASME B107.100 standard.

7
PIECES

METRIC



NEW

OPENING SIZE
8 mm
10 mm
12 mm
13 mm
14 mm
15 mm
19 mm



Metric flex combination ratcheting wrench set

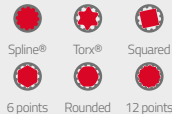
ITEM	PIECES	LIST PRICE
12MF7M	7	\$206.13

• Exceed ASME B107.100 standard.

SPLINE RATCHETING WRENCH SETS



- The spline design offers higher strength in a more compact profile, making it common on military and commercial aircraft.
- The precise fit between spline drive and fastener also helps prevent rounding or breaking off of fasteners edges.



Full-polish finish



72 Teeth ratcheting system
5° swing arc to reach to complicated areas.



9
PIECES

INCHES



OPENING SIZE	OPENING SIZE	OPENING SIZE
1/4"	7/16"	5/8"
5/16"	1/2"	11/16"
3/8"	9/16"	3/4"

SAE ratcheting wrench set

ITEM	PIECES	LIST PRICE
JLMC9	9	\$231.49

• Exceed ASME B107.100 standard.

12
PIECES

METRIC



OPENING SIZE	OPENING SIZE	OPENING SIZE
8 mm	12 mm	16 mm
9 mm	13 mm	17 mm
10 mm	14 mm	18 mm
11 mm	15 mm	19 mm

Metric ratcheting wrench set

ITEM	PIECES	LIST PRICE
JLMC12M	9	\$306.33

• Exceed ASME B107.100 standard.

SPLINE REVERSIBLE RATCHETING WRENCH SETS

INCHES RATCHETING SPLINE REGULAR OPEN END REVERSIBLE SPLINE RATCHET WRENCH

WRENCH SET

ITEM: JLMC9R
PIECES: 1
PACKING: 1
LIST PRICE: \$268.07

• Exceed ASME B107.100 standard.

INDIVIDUAL WRENCHES

ITEM	OPENING SIZE	TOTAL LENGTH	OUTSIDE DIAMETER		HEAD THICKNESS		LIST PRICE
			OPEN END	BOX END	OPEN END	BOX END	
	1/4"						Not available for individual sale
1210CMR	5/16"	5-11/16"	9/32"	3/8"	5/8"	7/32"	1 \$19.40
1212CMR	3/8"	6-1/4"	5/16"	7/16"	11/16"	1/4"	1 \$19.73
1214CMR	7/16"	6-1/2"	15/32"	1/2"	27/32"	7/32"	1 \$22.04
1216CMR	1/2"	7-3/16"	9/16"	9/16"	31/32"	9/32"	1 \$24.69
1218CMR	9/16"	7-1/2"	17/32"	19/32"	1-3/32"	5/16"	1 \$25.93
1220CMR	5/8"	8-7/16"	11/16"	5/8"	1-1/4"	11/32"	1 \$29.31
1222CMR	11/16"	9"	21/32"	11/16"	1-11/32"	11/32"	1 \$32.77
1224CMR	3/4"	9-15/16"	11/16"	3/4"	1-15/32"	3/8"	1 \$33.40

METRIC RATCHETING SPLINE REGULAR OPEN END REVERSIBLE SPLINE RATCHET WRENCH

WRENCH SET

ITEM: JLMC12MR
PIECES: 1
PACKING: 1
LIST PRICE: \$369.46

• Exceed ASME B107.100 standard.

INDIVIDUAL WRENCHES

ITEM	OPENING SIZE	TOTAL LENGTH	OUTSIDE DIAMETER		HEAD THICKNESS		LIST PRICE
			OPEN END	BOX END	OPEN END	BOX END	
	8 mm						Not available for individual sale
	9 mm						Not available for individual sale
1210MCMR	10 mm	6-1/4"	5/16"	11/16"	23/32"	5/16"	1 \$20.71
1211MCMR	11 mm	6-1/2"	7/16"	11/16"	27/32"	5/16"	1 \$22.91
1212MCMR	12 mm	6 13/16"	15/32"	25/32"	31/32"	5/16"	1 \$23.58
1213MCMR	13 mm	7-3/16"	1/2"	25/32"	15/16"	5/16"	1 \$23.97
1214MCMR	14 mm	7-1/2"	17/32"	7/8"	1-1/8"	11/32"	1 \$25.69
1215MCMR	15 mm	7-15/16"	17/32"	7/8"	1-3/32"	11/32"	1 \$26.97
	16 mm						Not available for individual sale
	17 mm						Not available for individual sale
	18 mm						Not available for individual sale
	19 mm						Not available for individual sale

RATCHETING WRENCHES

SPLINE FLEXIBLE RATCHETING LOCKING SYSTEM WRENCH SETS

9 PIECES **INCHES** RATCHETING SPLINE REGULAR OPEN END

SAE flexible ratcheting locking system wrench set

ITEM	PIECES	LIST PRICE
12MF8	9	\$445.28

• Exceed ASME B107.100 standard.

12 PIECES **METRIC** RATCHETING SPLINE REGULAR OPEN END

Metric flexible ratcheting locking system wrench set

ITEM	PIECES	LIST PRICE
12MF12M	9	\$658.32

• Exceed ASME B107.100 standard.

SPLINE EXTRA-LONG FLEXIBLE RATCHETING DOUBLE BOX WRENCH SETS

RATCHETING SPLINE Innovation Unites

Ratcheting system with 72-teeth and 5° swing arc for hard to reach areas.

Ideal to work with long studs.

Full-polish finish

Chrome-Vanadium Steel **Cr-V**

Flexible head 115 degrees with extended gear easy to work for the recessnuts or difficult working environments.

4 PIECES **INCHES** REVERSIBLE SPLINE RATCHET WRENCH

SAE extra-long flexible ratcheting double box wrench set

ITEM	PIECES	LIST PRICE
11MFL4	9	\$301.38

• Exceed ASME B107.100 standard.

5 PIECES **METRIC** REVERSIBLE SPLINE RATCHET WRENCH

Metric extra-long flexible ratcheting double box wrench set

ITEM	PIECES	LIST PRICE
11MFL5M	9	\$392.57

• Exceed ASME B107.100 standard.

HEAVY-DUTY 12-POINT RATCHETING BOX-END WRENCHES

HEAVY DUTY INCHES

- Full polished with nickel-chrome finish prevents corrosion.
- Thin body formed by two exterior plates and a solid interior body.
- Ratcheting mechanism allowing you to reposition the wrench without having to unhitch it from the nut or bolt.
- Thermal-treated to ensure a long service life.
- Available in SAE and metric to fit a great variety of nuts and bolts.
- Exceed ASME B107.100 standard.



ITEM	OPENING SIZE	TOTAL LENGTH	HEAD THICKNESS	PACKING	LIST PRICE
WER42	1-5/16"	15-1/2"	45/64"	1	\$189.74
WER48	1-1/2"	15-1/2"	51/64"	1	\$202.13
WER60	1-7/8"	19"	1-7/32"	1	\$219.15

HEAVY DUTY METRIC

- Exceed ASME B107.100 standard.



ITEM	OPENING SIZE	TOTAL LENGTH	HEAD THICKNESS	PACKING	LIST PRICE
WER24M	24 mm	12"	15/16"	1	\$80.57
WER30M	30 mm	12"	1-1/8"	1	\$82.25

4-IN-1 12-POINT RATCHETING WRENCH SETS

2 PIECES INCHES



SIZE
5/16"
3/8"
7/16"
1/2"
9/16"
5/8"
11/16"
3/4"



- Reversible ratcheting system
- Each wrench features four ratcheting box end size, making the tools great for compact and on-the-go tool kits.
- Electronic coating for ultimate rust prevention.
- Exceed ASME B107.100 standard.

SAE 4 in 1 ratcheting wrenches

ITEM	PIECES	PACKING	LIST PRICE
1170A	2	1	\$78.32

2 PIECES METRIC



SIZE
8 mm
10 mm
12 mm
13 mm
16 mm
17 mm
18 mm
19 mm



- Reversible ratcheting system
- Each wrench features four ratcheting box end size, making the tools great for compact and on-the-go tool kits.
- Electronic coating for ultimate rust prevention.
- Exceed ASME B107.100 standard.

Metric 4 in 1 ratcheting wrenches

ITEM	PIECES	PACKING	LIST PRICE
1170M	2	1	\$78.32

12-POINT FLAT RATCHETING BOX-END WRENCHES

FLAT RATCHETING



The mal-treated mechanism ensures a long service life.



BOX-END WRENCHES

INCHES



- Exceed ASME B107.100 standard.

INDIVIDUAL WRENCHES

OPENING SIZE	ITEM	TOTAL LENGTH	OUTSIDE DIAMETER 1	OUTSIDE DIAMETER 2	HEAD THICKNESS	PACKING	LIST PRICE
1/4" x 5/16"	1191	4-1/2"	43/64"	19/32"	3/8"	6	\$15.39
3/8" x 7/16"	1192	5-1/2"	57/64"	51/64"	3/8"	6	\$17.09
1/2" x 9/16"	1193	6-7/8"	1-5/32"	1-1/64"	1/2"	6	\$22.01
5/8" x 11/16"	1194	8-1/8"	1-7/16"	1-19/64"	1/2"	6	\$27.28
5/8" x 3/4"	1195	8-1/8"	1-19/64"	1-7/16"	1/2"	6	\$28.93
3/4" x 9/16"	1197	8-3/16"	1-7/16"	1-19/64"	1/2"	6	\$33.74
3/4" x 7/8"	1196	9-1/4"	1-37/64"	1-13/32"	1/2"	6	\$33.74

ITEM	PIECES	PACKING	LIST PRICE
1190A	5	1	\$105.16

METRIC



- Exceed ASME B107.100 standard.

INDIVIDUAL WRENCHES

OPENING SIZE	ITEM	BOCA	TOTAL LENGTH	OUTSIDE DIAMETER 1	OUTSIDE DIAMETER 2	HEAD THICKNESS	PACKING	LIST PRICE
7 x 8 mm	1191M	•	4-1/2"	21/32"	19/32"	3/8"	6	\$15.39
9 x 10 mm	1192M	•	5-1/2"	7/8"	25/32"	3/8"	6	\$17.05
10 x 11 mm	1192MA	•	6-7/8"	1-5/32"	1"	1/2"	6	\$24.78
10 x 13 mm	1192MB	•	6-7/8"	1-5/32"	1"	1/2"	6	\$26.06
11 x 12 mm	1193M	•	6-7/8"	1-5/32"	1"	1/2"	6	\$26.06
13 x 14 mm	1194M	•	8-1/8"	1-5/32"	1"	1/2"	6	\$27.15
15 x 17 mm	1195M	•	8-3/16"	1-7/16"	1-9/32"	1/2"	6	\$28.21
16 x 18 mm	1196M	•	8-1/8"	1-7/16"	1-9/32"	1/2"	6	\$28.53
19 x 21 mm	1197M	•	9-1/4"	1-9/16"	1-13/32"	1/2"	6	\$32.32

ITEM	PIECES	PACKING	LIST PRICE
1190M	5	1	\$108.16

12-POINT AND 6-POINT OFFSET RATCHETING BOX-END WRENCHES

OFFSET RATCHETING



Reversible ratchet mechanism that allows to change direction without having to unhook it from the nut or screw.



Thin body formed by two exterior plates and one solid interior body.



15° offset.

Full polished with nickel-chrome finish prevents corrosion.

BOX-END WRENCHES

RATCHETING WRENCHES

INCHES



• Exceed ASME B107.100 standard.

INDIVIDUAL WRENCHES									
OPENING SIZE	ITEM	TOTAL LENGTH	OUTSIDE DIAMETER		HEAD THICKNESS		PIECES	LIST PRICE	WARRANTY
			1	2	1	2			
1/4" x 5/16"	1181	4-1/4"	19/32"	43/64"	3/8"	3/8"	6	\$18.11	•
3/8" x 7/16"	1182	5-7/16"	51/64"	57/64"	3/8"	3/8"	6	\$20.06	•
1/2" x 9/16"	1183	6-3/4"	1-1/64"	1-5/32"	1/2"	1/2"	6	\$25.90	•
5/8" x 11/16"	1184	8"	1-19/64"	1-7/16"	1/2"	1/2"	6	\$30.66	•
5/8" x 3/4"	1186	8"	1-19/64"	1-7/16"	1/2"	1/2"	6	\$31.95	•
3/4" x 7/8"	1185	9-1/8"	1-13/32"	1-37/64"	1/2"	1/2"	6	\$35.52	•

WRENCH SET	
ITEM	1180A
PIECES	5
PACKING	
LIST PRICE	\$123.73

METRIC



• Exceed ASME B107.100 standard.

INDIVIDUAL WRENCHES										
OPENING SIZE	ITEM	TIPO DE BOCA	TOTAL LENGTH	OUTSIDE DIAMETER		HEAD THICKNESS		PIECES	LIST PRICE	WARRANTY
				INCHES	MM	INCHES	MM			
7 x 8 mm	1181M	•	4-1/4"	21/32"	19/32"	3/8"	3/8"	6	\$18.11	•
9 x 10 mm	1182M	•	5-7/16"	7/8"	25/32"	3/8"	3/8"	6	\$20.06	•
11 x 12 mm	1183M	•	6-3/4"	1-5/32"	1"	1/2"	1/2"	6	\$25.90	•
13 x 14 mm	1184M	•	6-3/4"	1-5/32"	1"	1/2"	1/2"	6	\$27.59	•
15 x 17 mm	1185M	•	8"	1-7/16"	1-9/32"	1/2"	1/2"	6	\$30.66	•
16 x 18 mm	1186M	•	8"	1-7/16"	1-9/32"	1/2"	1/2"	6	\$31.95	•
19 x 21 mm	1187M	•	9-1/8"	1-9/16"	1-13/32"	1/2"	1/2"	6	\$35.52	•

WRENCH SET	
ITEM	1180M
PIECES	7
PACKING	
LIST PRICE	\$180.30

4-POINT REFRIGERATION RATCHETING BOX-END WRENCH



• Designed for refrigeration packing gland nuts and valve stem sockets.
 • Also designed for beam-clamp installation.
 • Exceed ASME B107.100 standard.

ITEM	OPENING SIZE	TOTAL LENGTH	OUTSIDE DIAMETER		HEAD THICKNESS	PIECES	LIST PRICE
			1	2			
1180	1/4"-3/16" x 3/8"-5/16"	4-1/2"	9/16"	19/32"	3/8"	6	\$20.36

12-POINT BOX-END RATCHETING WRENCH SETS

4 INCHES  

NEW



OPENING SIZE
5/16" x 3/8"
7/16" x 1/2"
9/16" x 5/8"
11/16" x 3/4"

SAE ratcheting box-end wrench set

ITEM	PIECES		LIST PRICE
11M4	4	1	\$121.40

• Exceed ASME B107.100 standard.


6 METRIC  

NEW



OPENING SIZE	OPENING SIZE
8 mm x 9 mm	14 mm x 15 mm
10 mm x 11 mm	16 mm x 18 mm
12 mm x 13 mm	17 mm x 19 mm

Metric ratcheting box-end wrench set

ITEM	PIECES		LIST PRICE
11M6M	6	1	\$178.67

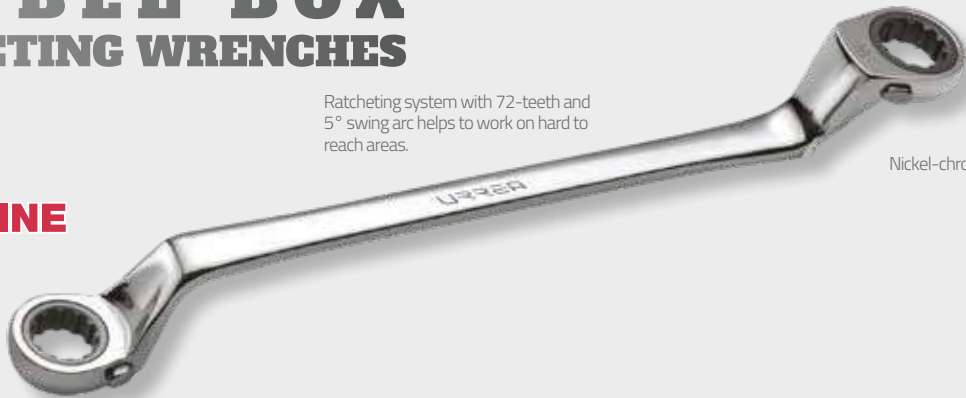
• Exceed ASME B107.100 standard.

SPLINE 75-DEGREE RATCHETING BOX-END RATCHETING WRENCH SETS

DOUBLE BOX RATCHETING WRENCHES



Ratcheting system with 72-teeth and 5° swing arc helps to work on hard to reach areas.



Nickel-chrome finish

 **RATCHETING SPLINE**

 **REVERSIBLE SPLINE RATCHET WRENCH**

75° OFFSET ANGLE

4 INCHES  **REVERSIBLE SPLINE RATCHET WRENCH**



OPENING SIZE
5/16" x 3/8"
7/16" x 1/2"
9/16" x 5/8"
11/16" x 3/4"
Pouch

SAE 75-degree Ratcheting box-end wrench set

ITEM	PIECES		LIST PRICE
81M4	4	1	\$216.65

• Exceed ASME B107.100 standard.

5 METRIC  **REVERSIBLE SPLINE RATCHET WRENCH**



OPENING SIZE
8 x 10 mm
12 x 14 mm
13 x 15 mm
16 x 18 mm
17 x 19 mm
Pouch

Metric 75-degree Ratcheting box-end wrench set

ITEM	PIECES		LIST PRICE
81M5M	5	1	\$275.03

• Exceed ASME B107.100 standard.

BLACK FLAT STRIKE WRENCHES 12 POINT

INCHES  **BLACK**

When the wrench is stricken, a vibration is produced through the bolt that makes the residue keeping the bolt jammed to fall off.

In particular, the flat design on these wrenches (openings in a straight line with the wrench handle) allows it to be used in places where there is no object or obstacle in it's way.

12 points designed to perfectly fit the nut on the tool



The molecular structure is uniform, offering greater endurance.



STRIKING WRENCHES

• Exceed federal GGG-W-636E standard.

ITEM	OPENING SIZE	TOTAL LENGTH	OUTER DIAMETER	HEAD DEPTH	QTY	LIST PRICE
2716SW	1"	9-1/2"	2-15/64"	55/64"	1	\$37.96
2717SW	1-1/16"	9-1/2"	2-15/64"	55/64"	1	\$40.43
2718SW	1-1/8"	9-1/2"	2-15/64"	55/64"	1	\$41.64
2719SW	1-3/16"	9-1/2"	2-15/64"	55/64"	1	\$42.36
2720SW	1-1/4"	9-1/2"	2-15/64"	55/64"	1	\$43.74
2721SW	1-5/16"	9-1/2"	2-15/64"	55/64"	1	\$45.04
2722SW	1-3/8"	9-1/2"	2-15/64"	55/64"	1	\$47.49
2723SW	1-7/16"	11-21/64"	3"	63/64"	1	\$53.37
2724SW	1-1/2"	11-21/64"	3"	63/64"	1	\$58.91
2726SW	1-5/8"	11-21/64"	3"	63/64"	1	\$60.06
2727SW	1-11/16"	11-21/64"	3"	63/64"	1	\$62.49
2728SW	1-3/4"	11-21/64"	3"	63/64"	1	\$64.37
2729SW	1-13/16"	11-21/64"	3"	63/64"	1	\$64.37
2730SW	1-7/8"	11-21/64"	3"	63/64"	1	\$68.25
2731SW	1-15/16"	11-21/64"	3-47/64"	1-31/64"	1	\$76.14
2732SW	2"	13-31/64"	3-47/64"	1-31/64"	1	\$89.24
2734SW	2-1/8"	13-31/64"	3-47/64"	1-31/64"	1	\$105.17
2735SW	2-3/16"	13-31/64"	3-47/64"	1-31/64"	1	\$108.59
2736SW	2-1/4"	13-31/64"	3-47/64"	1-31/64"	1	\$116.02
2737SW	2-5/16"	13-31/64"	3-47/64"	1-31/64"	1	\$116.96
2738SW	2-3/8"	14-51/64"	4-7/64"	1-31/64"	1	\$116.96
2740SW	2-1/2"	14-51/64"	4-7/64"	1-31/64"	1	\$126.04
2741SW	2-9/16"	14-51/64"	4-7/64"	1-31/64"	1	\$126.04
2742SW	2-5/8"	14-51/64"	4-7/64"	1-31/64"	1	\$148.26
2744SW	2-3/4"	16-25/64"	4-5/16"	1-5/16"	1	\$170.60
2746SW	2-7/8"	16-25/64"	4-5/16"	1-5/16"	1	\$181.30
2747SW	2-15/16"	16-25/64"	4-5/16"	1-5/16"	1	\$205.01
2748SW	3"	16-25/64"	4-5/16"	1-5/16"	1	\$210.97
2750SW	3-1/8"	18-13/32"	4-15/16"	1-7/16"	1	\$262.70
2754SW	3-3/8"	18-13/32"	4-15/16"	1-7/16"	1	\$315.13
2756SW	3-1/2"	18-13/32"	4-15/16"	1-7/16"	1	\$375.53
2760SW	3-3/4"	15-3/8"	5-9/16"	1-9/16"	1	\$530.33
2762SW	3-7/8"	15-3/8"	5-9/16"	1-9/16"	1	\$564.10
2766SW	4-1/8"	16-9/16"	6-1/8"	1-3/4"	1	\$751.35
2768SW	4-1/4"	17-11/16"	6-11/16"	1-7/8"	1	\$840.10
2772SW	4-1/2"	17-11/16"	6-11/16"	1-7/8"	1	\$930.86
2774SW	4-5/8"	17-11/16"	6-11/16"	1-7/8"	1	\$945.29
2776SW	4-3/4"	18-11/16"	7-1/4"	2-1/8"	1	\$1,390.95
2780SW	5"	18-11/16"	7-1/4"	2-1/8"	1	\$1,729.39
2786SW	5-3/8"	20-11/16"	8"	2-5/16"	1	\$1,945.28
2792SW	5-3/4"	22-13/16"	8-7/8"	2-1/2"	1	\$2,895.67
2796SW	6"	22-13/16"	8-7/8"	2-1/2"	1	\$2,963.25

METRIC  **BLACK**



• Exceed federal GGG-W-636E standard.

ITEM	OPENING SIZE	TOTAL LENGTH	OUTER DIAMETER	HEAD DEPTH	QTY	LIST PRICE
2724SWM	24 mm	9-1/2"	2-15/64"	55/64"	1	\$37.96
2727SWM	27 mm	9-1/2"	2-15/64"	55/64"	1	\$40.43
2730SWM	30 mm	9-1/2"	2-15/64"	55/64"	1	\$42.36
2732SWM	32 mm	9-1/2"	2-15/64"	55/64"	1	\$45.04
2736SWM	36 mm	11-21/64"	3"	63/64"	1	\$53.37
2741SWM	41 mm	11-21/64"	3"	63/64"	1	\$60.06
2746SWM	46 mm	11-21/64"	3"	63/64"	1	\$64.37
2750SWM	50 mm	13-31/64"	3-47/64"	1-31/64"	1	\$89.24
2755SWM	55 mm	13-31/64"	3-47/64"	1-31/64"	1	\$105.17
2760SWM	60 mm	14-13/16"	4-7/64"	1-31/64"	1	\$116.96
2765SWM	65 mm	14-13/16"	4-7/64"	1-31/64"	1	\$126.04
2770SWM	70 mm	16-3/8"	4-5/16"	1-3/8"	1	\$170.60
2775SWM	75 mm	16-3/8"	4-21/64"	1-19/64"	1	\$205.01
2780SWM	80 mm	18-3/8"	4-31/32"	1-1/2"	1	\$262.70
2785SWM	85 mm	18-3/8"	4-15/16"	1-9/16"	1	\$315.13
2790SWM	90 mm	15-1/4"	5-1/8"	1-3/8"	1	\$375.53
2795SWM	95 mm	15-3/8"	5-9/16"	1-3/8"	1	\$530.33
27100SWM	100 mm	16-1/2"	6-3/16"	1-3/4"	1	\$564.10
27105SWM	105 mm	16-1/2"	6-3/16"	1-3/4"	1	\$751.35
27110SWM	110 mm	17-3/4"	5-1/2"	1-13/16"	1	\$840.10
27115SWM	115 mm	17-3/4"	6-1/2"	1-15/16"	1	\$930.86
27120SWM	120 mm	18"	7-1/8"	2-1/4"	1	\$1,390.95
27130SWM	130 mm	20-1/2"	7-3/4"	2-1/4"	1	\$1,945.28

6-POINT BLACK FLAT STRIKING WRENCHES

STRICKING WRENCHES

6-point striking wrench, ideal for nuts with damaged edges and recommended for heavyduty work, thanks to its bigger contact surface with the nut.



Greater maneuverability and easy access when tightening nuts or bolts in difficult areas.

Wider striking zone.



FLAT 6-POINT

INCHES BLACK



ITEM	OPENING SIZE	TOTAL LENGTH	OUTER DIAMETER	HEAD DEPTH		LIST PRICE
2712SWH	3/4"	7-1/2"	7-1/2"	11/16"	1	\$30.29
2714SWH	7/8"	7-1/2"	7-1/2"	11/16"	1	\$31.83
2716SWH	1"	9-1/2"	9-1/2"	55/64"	1	\$37.96
2717SWH	1-1/16"	9-1/2"	9-1/2"	55/64"	1	\$40.43
2718SWH	1-1/8"	9-1/2"	9-1/2"	55/64"	1	\$41.64
2720SWH	1-1/4"	9-1/2"	9-1/2"	55/64"	1	\$43.74
2722SWH	1-3/8"	9-1/2"	9-1/2"	55/64"	1	\$47.49
2723SWH	1-7/16"	11-21/64"	11-21/64"	63/64"	1	\$53.37
2724SWH	1-1/2"	11-21/64"	11-21/64"	63/64"	1	\$58.91
2726SWH	1-5/8"	11-21/64"	11-21/64"	63/64"	1	\$60.06
2728SWH	1-3/4"	11-21/64"	11-21/64"	63/64"	1	\$64.37
2729SWH	1-13/16"	11-21/64"	11-21/64"	63/64"	1	\$64.37
2730SWH	1-7/8"	11-21/64"	11-21/64"	63/64"	1	\$68.25
2732SWH	2"	13-31/64"	13-31/64"	31/64"	1	\$89.24
2735SWH	2-3/16"	13-31/64"	13-31/64"	1-31/64"	1	\$108.59
2736SWH	2-1/4"	13-31/64"	13-31/64"	1-31/64"	1	\$116.02
2738SWH	2-3/8"	14-13/16"	14-13/16"	1-31/64"	1	\$116.96
2740SWH	2-1/2"	14-13/16"	14-13/16"	1-31/64"	1	\$126.04
2741SWH	2-9/16"	14-13/16"	14-13/16"	1-31/64"	1	\$126.04
2744SWH	2-3/4"	16-3/8"	11-13/16"	1-3/16"	1	\$170.60
2747SWH	2-15/16"	16-3/8"	14-13/16"	1-31/64"	1	\$181.30
2750SWH	3-1/8"	18-3/8"	14"	1-1/2"	1	\$262.70
2756SWH	3-1/2"	14-3/16"	14-13/16"	1-7/16"	1	\$375.53
2762SWH	3-7/8"	16-1/2"	16-1/2"	1-3/4"	1	\$564.10

• Exceed federal GGG-W-636E standard.

STRICKING WRENCHES

6-POINT THIN-WALL FLAT STRIKING WRENCHES

STRICKING WRENCHES

Thin wall allows you to work on flanges when bolts are located close to each other or are very close to the pipe.

Hexagonal opening that perfectly fits hexagonal nuts, providing greater contact area.

I-beam body gives the wrench greater endurance and torque transfer

Greater impact surface than conventional striking wrenches.

6-POINT THIN WALL



Electrostatic painting prevents corrosion and allows you to easily identify the tool.

Hexagon size and nut diameter markings.

INCHES



ITEM	OPENING SIZE	TOTAL LENGTH	OUTER DIAMETER	HEAD DEPTH		LIST PRICE
2817SWH	1-1/16"	9"	1-11/16"	15/16"	1	\$46.49
2820SWH	1-1/4"	10"	1-15/16"	15/16"	1	\$50.30
2823SWH	1-7/16"	11-13/16"	2-1/4"	1-1/8"	1	\$61.37
2826SWH	1-5/8"	11-15/16"	2-1/2"	1-1/8"	1	\$69.06
2829SWH	1-13/16"	12"	2-11/16"	1-1/8"	1	\$74.02
2832SWH	2"	3-1/16"	2-15/16"	1-11/16"	1	\$102.62
2835SWH	2-3/16"	13-29/64"	3-3/16"	1-11/16"	1	\$124.87
2838SWH	2-3/8"	14-3/8"	3-7/16"	1-11/16"	1	\$134.50
2841SWH	2-9/16"	14-3/8"	3-11/16"	1-11/16"	1	\$144.94
2844SWH	2-3/4"	14-5/32"	3-15/16"	1-7/8"	1	\$227.81

• Exceed federal GGG-W-636E standard.

12-POINT BLACK OFFSET STRIKING WRENCHES

STRICKING WRENCHES



Its structure and design allows it to be hit strongly in order to loosen nuts.

Greater impact surface than conventional striking wrenches.

12-POINT BLACK OFFSET



Offset design in these wrenches (opening angle to wrench handle) allows it to be used in places where there is a partial obstruction.

STRICKING WRENCHES

INCHES BLACK

NEW



ITEM	OPENING SIZE	TOTAL LENGTH	OUTER DIAMETER	HEAD DEPTH	OFFSET HEIGHT		LIST PRICE
2616SW	1"	8-1/2"	1-11/16"	5/8"	15/16"	1	\$38.35
2617SW	1-1/16"	8-1/2"	1-11/16"	5/8"	15/16"	1	\$40.49
2618SW	1-1/8"	8-1/2"	1-11/16"	5/8"	15/16"	1	\$43.60
2619SW	1-3/16"	10-3/4"	1-7/8"	13/16"	1-3/16"	1	\$48.10
2620SW	1-1/4"	10-3/4"	1-7/8"	13/16"	1-3/16"	1	\$48.18
2621SW	1-5/16"	10-3/4"	1-7/8"	13/16"	1-3/16"	1	\$50.32
2622SW	1-3/8"	12"	2-3/16"	1"	1-1/2"	1	\$54.24
2623SW	1-7/16"	12"	2-3/16"	1"	1-1/2"	1	\$58.09
2624SW	1-1/2"	12"	2-3/16"	1"	1-1/2"	1	\$60.07
2625SW	1-9/16"	12-1/4"	2-13/32"	1-1/8"	1-1/2"	1	\$65.02
2626SW	1-5/8"	12-1/4"	2-13/32"	1-1/8"	1-1/2"	1	\$69.88
2627SW	1-11/16"	12-1/4"	2-13/32"	1-1/8"	1-1/2"	1	\$73.35
2628SW	1-3/4"	13-7/16"	2-21/32"	1-3/16"	1-9/16"	1	\$81.50
2629SW	1-13/16"	13-5/8"	2-27/32"	1-1/4"	1-21/32"	1	\$90.38
2630SW	1-7/8"	13-5/8"	2-27/32"	1-1/4"	1-21/32"	1	\$92.70
2631SW	1-15/16"	13-5/8"	2-27/32"	1-1/4"	1-21/32"	1	\$95.02
2632SW	2"	14-1/8"	2-27/32"	1-1/4"	1-21/32"	1	\$105.44
2634SW	2-1/8"	14"	3-13/16"	1-3/8"	2-3/8"	1	\$137.07
2635SW	2-3/16"	14"	3-13/16"	1-3/8"	2-3/8"	1	\$139.97
2636SW	2-1/4"	14-1/8"	3-13/16"	1-3/8"	2-3/8"	1	\$143.05
2637SW	2-5/16"	14-1/4"	3-7/8"	1-5/16"	2-1/4"	1	\$146.40
2638SW	2-3/8"	14"	3-13/16"	1-5/16"	2-9/16"	1	\$145.51
2639SW	2-11/16"	14-3/4"	4-1/16"	1-5/16"	2-9/16"	1	\$160.18
2640SW	2-1/2"	14"	4-1/16"	1-5/16"	2-9/16"	1	\$178.39
2641SW	2-9/16"	14-1/2"	4-1/16"	1-5/16"	2-9/16"	1	\$182.61
2642SW	2-5/8"	14-1/4"	4-1/16"	1-11/16"	2-9/16"	1	\$201.43
2643SW	2-11/16"	14-3/4"	4-13/16"	1-11/16"	2-15/16"	1	\$210.28
2644SW	2-3/4"	16"	4-13/16"	1-11/16"	2-15/16"	1	\$217.07
2646SW	2-7/8"	16"	4-13/16"	1-11/16"	2-15/16"	1	\$224.98
2647SW	2-15/16"	15-9/16"	4 13/16"	1-5/8"	2-15/16"	1	\$233.10
2648SW	3"	15-3/4"	4-7/8"	1-5/8"	3-1/4"	1	\$234.91
2650SW	3-1/8"	15-7/8"	4-7/8"	2"	3-1/2"	1	\$244.88

• Exceed federal GGG-W-636E standard.

METRIC BLACK



ITEM	OPENING SIZE	TOTAL LENGTH	OUTER DIAMETER	HEAD DEPTH	OFFSET HEIGHT		LIST PRICE
2632SWM	32 mm	10-3/4"	1-7/8"	13/16"	1-3/16"	1	\$48.18
2633SWM	33 mm	10-3/4"	1-7/8"	13/16"	1-3/16"	1	\$50.32
2634SWM	34 mm	10-3/4"	1-7/8"	13/16"	1-3/16"	1	\$54.24
2636SWM	36 mm	12"	2-3/16"	1"	1-1/2"	1	\$58.09
2641SWM	41 mm	12-1/4"	2-13/32"	1-1/8"	1-1/2"	1	\$69.88
2646SWM	46 mm	13-7/16"	2-21/32"	1-3/16"	1-9/16"	1	\$92.70
2650SWM	50 mm	13-7/16"	2-27/32"	1-1/4"	1-21/32"	1	\$105.44
2655SWM	55 mm	14"	3-13/16"	1-5/16"	2-1/8"	1	\$139.97
2660SWM	60 mm	14"	3-13/16"	1-5/16"	2-3/16"	1	\$145.51
2665SWM	65 mm	14-1/2"	4-1/16"	1-5/16"	2-1/2"	1	\$182.61
2670SWM	70 mm	15-7/8"	4-13/16"	1-9/16"	2-1/2"	1	\$217.07
2675SWM	75 mm	15-3/16"	4-3/4"	1-9/16"	2-3/8"	1	\$234.91
2680SWM	80 mm	15-7/8"	4-7/8"	1-3/8"	2-3/8"	1	\$244.88

• Exceed federal GGG-W-636E standard.

HIGH LEVERAGE WRENCHES

ATTACHMENT SYSTEM WITH



URREA ASSEMBLING SYSTEM



Urrea assembling system wrenches allow you to work in vertical and horizontal positions in hard to reach places. Their design allows them to generate optimum torque with no possibility of any type of user injury coming from the wrench, making it a very safe high-leverage wrench.

Phosphatized finish protects it against corrosion.

Extension bar provides greater leverage.

Anti-slip grip allows the user to get a better grip on this tool.



INTERNATIONAL PATENT: PCT/MX2008/000125

HIGH LEVERAGE WRENCHES

INCHES 11 12 **BLACK**



• Exceed federal GGG-W-636E standard.

ITEM	OPENING DIMENSION	TOTAL LENGTH	BAR SIZE			OUTER DIAMETER	HEAD DEPTH	LIST PRICE
			1/2"	3/4"	1"			
2616HL	1"	12"	•			1-9/16"	11/16"	\$37.68
2617HL	1-1/16"	15"	•			1-11/16"	13/16"	\$42.69
2618HL	1-1/8"	15"	•			1-11/16"	13/16"	\$46.23
2620HL	1-1/4"	17"		•		2"	13/16"	\$53.57
2621HL	1-5/16"	17"		•		2"	13/16"	\$58.01
2623HL	1-7/16"	21"		•		2-3/16"	1"	\$71.00
2624HL	1-1/2"	21"		•		2-3/16"	1"	\$74.00
2626HL	1-5/8"	22"		•	•	2-1/2"	1-1/8"	\$91.05
2627HL	1-11/16"	22"		•	•	2-1/2"	1-1/8"	\$97.62
2629HL	1-13/16"	24"		•	•	2-13/16"	1-1/4"	\$114.17
2630HL	1-7/8"	24"		•	•	2-13/16"	1-1/4"	\$116.56
2632HL	2"	24"		•	•	2-13/16"	1-1/4"	\$120.86

METRIC 12 **BLACK**



• Exceed federal GGG-W-636E standard.

ITEM	OPENING DIMENSION	TOTAL LENGTH	BAR SIZE			OUTER DIAMETER	HEAD DEPTH	LIST PRICE
			1/2"	3/4"	1"			
2624MHL	24 mm	12"	•			1-9/16"	11/16"	\$37.68
2625MHL	25 mm	12"	•			1-9/16"	11/16"	\$37.68
2626MHL	26 mm	15"	•			1-11/16"	13/16"	\$42.69
2627MHL	27 mm	15"	•			1-11/16"	13/16"	\$42.69
2628MHL	28 mm	15"	•			1-11/16"	13/16"	\$46.23
2632MHL	32 mm	17"		•		2"	13/16"	\$53.57
2634MHL	34 mm	17"		•		2"	13/16"	\$62.69
2636MHL	36 mm	21"		•		2-3/16"	1"	\$71.00
2641MHL	41 mm	22"			•	2-1/2"	1-1/8"	\$91.05
2646MHL	46 mm	24"		•	•	2-13/16"	1-1/4"	\$114.17
2650MHL	50 mm	24"		•	•	2-13/16"	1-1/4"	\$120.86



ITEM	High-leverage wrench bars		LIST PRICE
	INTERNAL DIAMETER	TOTAL LENGTH	
26HL1B	1/2"	22"	\$87.76
26HL2B	3/4"	26"	\$101.70
26HL3B	1"	36"	\$135.71

STRUCTURAL BOX-END WRENCHES

INCHES



- The box-end is used to tighten nuts or bolt heads with greater torque.
- The end of the handle is conical shape, so it can be used as an alignment bar when centering holes in assembly operations.
- These wrenches feature a robust box-end.
- Exceed federal GGG-W-636E standard.

ITEM	OPENING DIMENSION	TOTAL LENGTH	OUTSIDE DIAMETER	HEAD THICKNESS		LIST PRICE
2613	13/16"	12"	11/16"	1-1/16"	1	\$34.41
2614	7/8"	12"	1-3/8"	1-1/16"	1	\$35.07
2615	15/16"	12"	1-9/16"	1-3/16"	1	\$35.95
2616	1"	12"	1-9/16"	1-3/16"	1	\$37.68
2617	1-1/16"	15"	1-11/16"	7/8"	1	\$42.69
2618	1-1/8"	15"	1-11/16"	7/8"	1	\$46.23
2620	1-1/4"	17"	1-7/16"	1-5/16"	1	\$53.57
2621	1-5/16"	17"	1-7/16"	1-1/16"	1	\$58.01
2623	1-7/16"	21"	1-1/2"	1-1/8"	1	\$71.00
2624	1-1/2"	21"	1-1/2"	1-1/8"	1	\$74
2626	1-5/8"	22"	2-1/2"	1-3/16"	1	\$91.05
2627	1-11/16"	22"	2-1/2"	1-3/16"	1	\$97.62
2629	1-13/16"	24"	1-13/16"	1-1/4"	1	\$114.17
2630	1-7/8"	24"	2-3/4"	1-1/4"	1	\$116.56
2632	2"	24"	3"	1-3/8"	1	\$120.86

STRUCTURAL OPEN-END WRENCHES

INCHES



- Forged conical end that can be used as an alignment bar.
- Black oxide finish for use where non-plated products are required.
- Long offset handle provides greater leverage and clearance for knuckles and obstructions.

ITEM	OPENING DIMENSION	TOTAL LENGTH	OUTSIDE DIAMETER	HEAD THICKNESS		LIST PRICE
C903A	5/8"	11-3/4"	2-1/4"	7/16"	1	\$19.73
C903	11/16"	11-3/4"	2-1/4"	7/16"	1	\$20.70
C904A	3/4"	12"	1-7/8"	7/16"	1	\$25.28
C905	7/8"	14-1/2"	1-7/8"	9/16"	1	\$35.07
C905B	15/16"	14-1/4"	2-1/4"	1/2"	1	\$35.95
C906B	1"	14-1/2"	2-3/16"	1/2"	1	\$37.68
C907	1-1/16"	17"	1-7/8"	1/2"	1	\$42.69
C907A	1-1/8"	17"	2-3/16"	5/8"	1	\$46.23
C908	1-1/4"	19"	2 7/16"	5/8"	1	\$53.57
C908A	1-5/16"	19"	2-7/16"	11/16"	1	\$58.01
C909	1-7/16"	21"	2-3/4"	3/4"	1	\$71.00
C909A	1-1/2"	21"	2-3/4"	3/4"	1	\$74.00
C910	1-5/8"	23"	3-1/8"	7/8"	1	\$91.05
C910A	1-11/16"	23"	3-1/4"	7/8"	1	\$97.62
C911	1-13/16"	25"	4-7/16"	1"	1	\$114.17
C911A	1-7/8"	25"	4-7/16"	1"	1	\$116.56
C912	2"	25"	4-7/16"	1"	1	\$120.86

SPANNER WRENCH WITH PIN



- Phosphatized finish protects it against corrosion and prevents the shedding of coating particles.
- Pin for safe adjustments.
- Manufactured with high-quality steel alloy.

ITEM	OPENING DIMENSION	TOTAL LENGTH	PIN DIAMETER	PIN LENGTH		LIST PRICE
C460	3"	8"	5/16"	9/32"	1	\$10.51



URREA ASSEMBLING SYSTEM

For use in activities that require high torque without hitting for risk to generate spark; example: mining industry, oil industry, etc.