

Ratcheting Wrench

The SATA ratcheting wrench has the benefits of a ratchet and more.

The strong fine gear ratcheting box end needs as little as **5°** of sweep to move a fastener, and a standard fixed box end needs a minimum of **30°** or 6 times the area.

The ultra small head shank design allows it into the tightest places, where a ratchet and socket will not fit. The ratcheting box end comes with Surface Drive® configuration that nearly eliminates fastener rounding. With the special accessory adapters, it becomes a fine gear ratchet that does not require special sockets.

All SATA ratcheting wrench products are designed and manufactured to the highest standards, with over 100 million units been “Professionally Tested” all over the world.

All SATA ratcheting wrenches are only available in mirror finished.



Double Ratcheting Wrench - Combination

New



Productivity

- The patented broached opening and pin mechanism glide around a fastener gripping it securely in four places

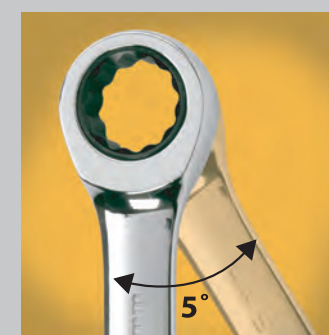
Strength

- Surface Drive® reduces fastener rounding

Productivity

- Ratcheting box end needs as little as 5° to move fastener VS. 30° for standard box end wrenches

- Ratcheting function at both Box End and Open End



PRODUCTIVITY

5° ratcheting arc VS. 30° on standard combination wrenches.



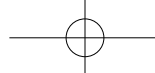
ACCESS

Sleek head design enables access to tight spots where a ratchet will not fit.



STRENGTH

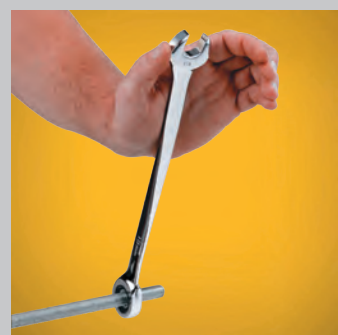
Surface Drive® provides a stronger grip on fasteners.



Ratcheting Wrench - XL X-Beam®



Ratcheting Wrench - Reversible



ACCESS

The wider, super-strong crossbeam increases contact area with your hand by 500% over traditional wrenches.



DESIGN

Forges at a 90-degree angle from the other end, and the tapered handle is thicker on both sides than a standard wrench.



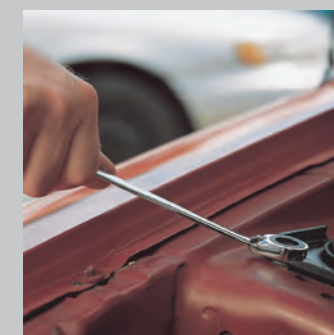
STRENGTH

Surface Drive Plus® provides a stronger grip on fasteners.



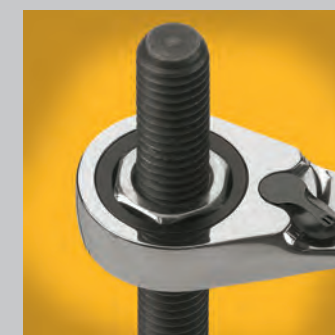
PRODUCTIVITY

Reversing lever allows you to switch motion from left to right without removing the wrench.



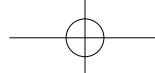
DESIGN

15° offset allows for safe operation above the work surface, providing additional knuckle clearance.

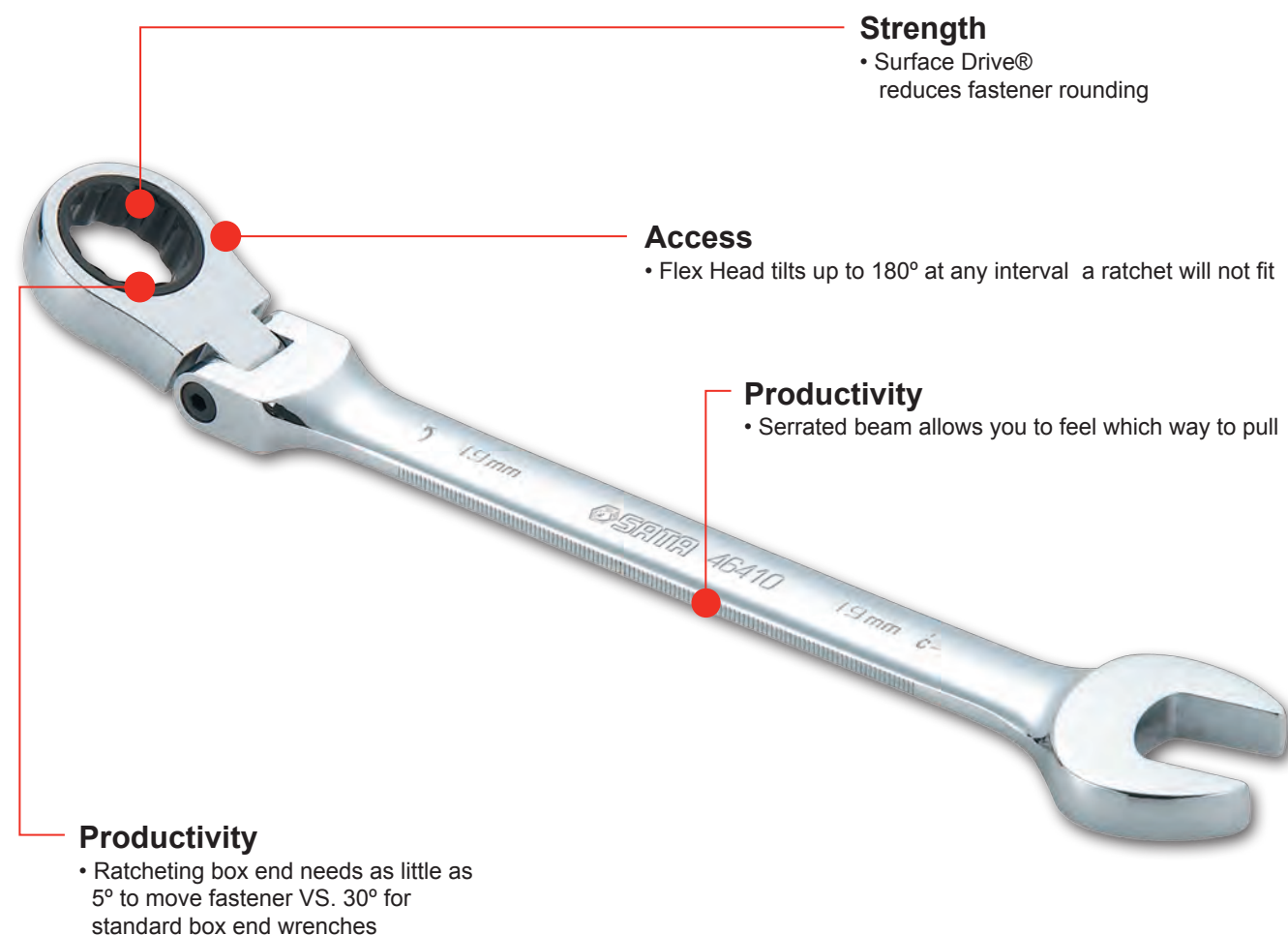


ACCESS

Sleek head design enables access to tight spots where a ratchet will not fit.



Ratcheting Wrench - Flex Head



Strength

- Surface Drive® reduces fastener rounding

Access

- Flex Head tilts up to 180° at any interval a ratchet will not fit

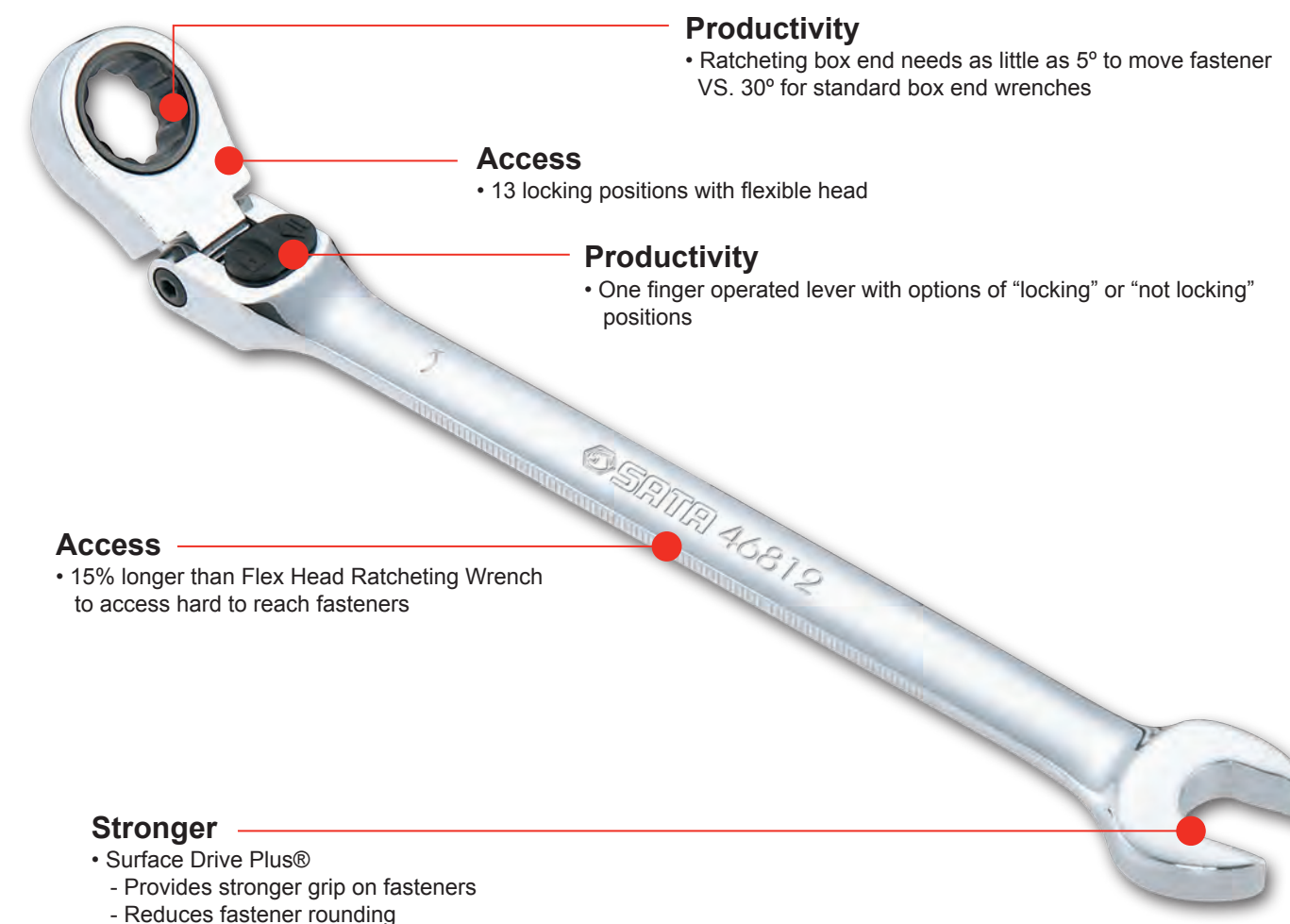
Productivity

- Serrated beam allows you to feel which way to pull

Productivity

- Ratcheting box end needs as little as 5° to move fastener VS. 30° for standard box end wrenches

Ratcheting Wrench - XL Locking Flex Head



Productivity

- Ratcheting box end needs as little as 5° to move fastener VS. 30° for standard box end wrenches

Access

- 13 locking positions with flexible head

Productivity

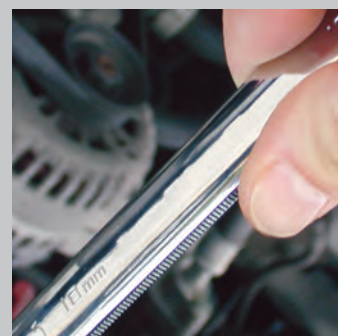
- One finger operated lever with options of "locking" or "not locking" positions

Access

- 15% longer than Flex Head Ratcheting Wrench to access hard to reach fasteners

Stronger

- Surface Drive Plus®
 - Provides stronger grip on fasteners
 - Reduces fastener rounding



PRODUCTIVITY

Serrated wrench beam allows you to feel which direction to pull.



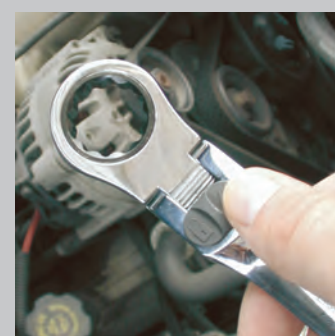
ACCESS

Flex Head tilts up to 180° at any interval.



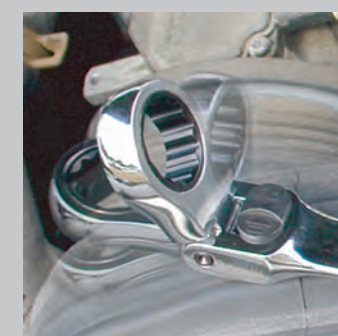
STRENGTH

Surface Drive® provides a stronger grip on fasteners.



PRODUCTIVITY

One finger operated lever with options of "locking" or "not locking" positions



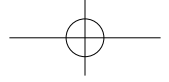
ACCESS

Flexible head has 13 locking positions and is up to 15% longer.



STRENGTH

Surface Drive Plus® provides a stronger grip on fasteners.



Double Ratcheting Wrench - Set

5PC. COMBINATION SET (METRIC)

Part No.		G.W.(kg)
09078	12	10.0

CONTENTS:
10, 11, 12, 13, 14mm

New



7PC. COMBINATION SET (S.A.E.)

Part No.		G.W.(kg)
09023	6	14.5

CONTENTS:
5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4"

New



7PC. COMBINATION SET (METRIC)

Part No.		G.W.(kg)
09024	6	14.5

CONTENTS:
8, 10, 12, 13, 14, 15, 18mm

New



7PC. COMBINATION SET (METRIC)

Part No.		G.W.(kg)
09050	5	8.0

CONTENTS:
8, 10, 12, 14, 17, 19, 22mm

New



Double Ratcheting Wrench - Set

8PC. COMBINATION SET (METRIC)

Part No.		G.W.(kg)
08008	8	9.5

CONTENTS:
8, 10, 12, 13, 14, 15, 17, 19mm

New



8PC. COMBINATION SET (METRIC)

Part No.		G.W.(kg)
09079	5	7.0

CONTENTS:
8, 10, 11, 12, 13, 14, 17, 19mm

New



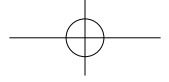
12PC. COMBINATION SET (METRIC)

Part No.		G.W.(kg)
09040	4	7.1

CONTENTS:
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm

New





Ratcheting Wrench - Set

8PC. XL X-BEAM® SET (METRIC)

Part No.		G.W.(kg)
08015	4	7.6

CONTENTS:
8, 10, 12, 13, 14, 15, 17, 19mm



10PC. XL X-BEAM® SET (METRIC)

Part No.		G.W.(kg)
08016	4	9.3

CONTENTS:
8, 10, 12, 13, 14, 15, 16, 17, 18, 19mm



6PC. DOUBLE BOX SET (METRIC)

Part No.		G.W.(kg)
09025	6	16.3

CONTENTS:
8x9, 10x11, 12x13, 14x15, 16x18, 17x19mm



5PC. REVERSIBLE SET (METRIC)

Part No.		G.W.(kg)
09083	12	10.6

CONTENTS:
10, 11, 12, 13, 14mm



Ratcheting Wrench - Set

6PC. REVERSIBLE SET (METRIC)

Part No.		G.W.(kg)
09080	12	9.3

CONTENTS:
10, 12, 13, 14, 17, 19mm



5PC. FLEX HEAD SET (METRIC)

Part No.		G.W.(kg)
09082	12	11.2

CONTENTS:
10, 11, 12, 13, 14mm



7PC. XL LOCKING FLEX HEAD SET (METRIC)

Part No.			G.W.(kg)
09043	6	12	16.2

CONTENTS:
10, 12, 13, 14, 15, 17, 19mm

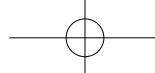


3PC. SOCKET ADAPTER SET (METRIC)

Part No.			G.W.(kg)
09084	10	40	6.0

CONTENTS:
1/4"Dr. x 10mm
3/8"Dr. x 13mm
1/2"Dr. x 19mm





Double Ratcheting Wrench - Open Stock

New

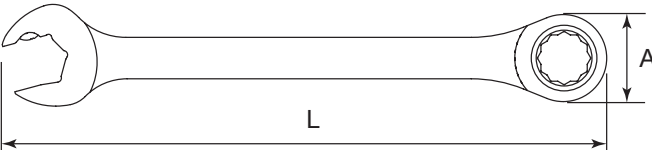


COMBINATION (S.A.E.)

Part No.	Size	L(mm)	A(mm)			G.W.(kg)
43101	5/16"	140	16.0	6	96	5.5
43102	3/8"	159	19.0	6	96	7.1
43103	7/16"	165	20.6	6	36	3.3
43104	1/2"	178	23.6	6	36	4.0
43105	9/16"	190	25.9	6	36	4.8
43106	5/8"	208	28.7	6	36	5.9
43107	11/16"	225	30.5	6	36	6.9
43108	3/4"	248	34.0	6	36	8.8
43109	13/16"	291	39.0	4	24	9.8
43110	7/8"	333	45.5	4	24	9.8
43111	15/16"	333	45.5	4	16	9.2
43112	1"	333	45.5	4	16	9.3
* 43113	1-1/16"	359	49.0	4	16	12.2
* 43114	1-1/8"	402	54.0	2	12	10.5
* 43115	1-1/4"	425	58.0	2	12	14.1

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* These sizes are with standard (non-ratcheting) open end.



Ratcheting Wrench - Open Stock

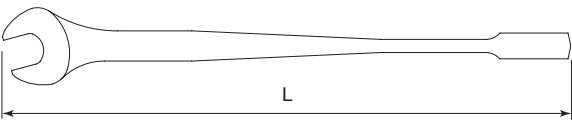


XL X-BEAM® (S.A.E.)

Part No.	Size	L(mm)	A(mm)			G.W.(kg)
46321	5/16"	150	16.5	6	96	4.9
46322	3/8"	180	19.8	6	96	7.4
46323	7/16"	195	21.7	6	96	9.6
46324	1/2"	220	25.0	6	72	9.6
46325	9/16"	235	26.3	6	72	11.7
46326	5/8"	260	30.5	6	36	7.7
46327	11/16"	275	31.5	6	36	9.5
46328	3/4"	305	34.0	6	36	12.6

XL X-BEAM® (METRIC)

Part No.	Size	L(mm)	A(mm)			G.W.(kg)
46301	8mm	150	16.5	6	96	4.9
46302	9mm	165	17.8	6	96	6.0
46303	10mm	180	19.8	6	96	7.4
46304	11mm	195	21.7	6	96	9.6
46305	12mm	207	23.0	6	96	11.1
46306	13mm	220	25.0	6	72	9.6
46307	14mm	235	26.3	6	72	11.7
46308	15mm	250	28.7	6	72	13.4
46309	16mm	260	30.5	6	36	7.7
46310	17mm	275	31.5	6	36	9.5
46311	18mm	290	32.5	6	36	10.3
46312	19mm	305	34.0	6	36	12.6



DOUBLE BOX (S.A.E.)

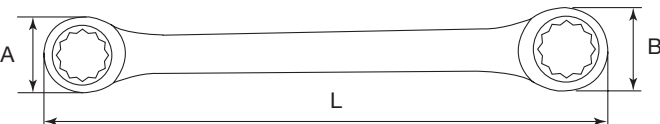
Part No.	Size	L(mm)	A(mm)	B(mm)			G.W.(kg)
46101	5/16x3/8"	128	16.0	18.5	6	36	2.7
46102	7/16x1/2"	160	20.6	23.0	6	36	3.7
46103	9/16x5/8"	190	25.9	28.4	6	36	5.7
46104	11/16x3/4"	230	31.5	32.5	6	36	7.3

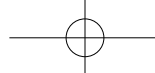
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DOUBLE BOX (METRIC)

Part No.	Size	L(mm)	A(mm)	B(mm)			G.W.(kg)
46201	8x9mm	128	16.0	17.0	6	96	5.9
46200	8x10mm	130	16.0	19.0	6	96	6.0
46202	10x11mm	150	19.0	18.5	6	36	3.2
46203	12x13mm	170	21.7	23.0	6	36	4.1
46204	14x15mm	190	25.9	26.7	6	36	5.7
46205	16x18mm	210	28.7	31.5	6	36	6.3
46206	17x19mm	230	30.5	32.5	6	36	7.3

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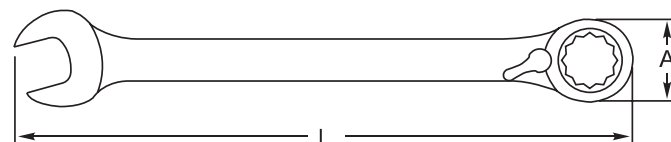
Ratcheting Wrench - Open Stock



REVERSIBLE (S.A.E.)

Part No.	Size	L(mm)	A(mm)			G.W.(kg)
46671	5/16"	140	16.9	6	36	2.1
46672	11/32"	149	17.5	6	36	2.3
46673	3/8"	159	19.8	6	36	2.6
46674	7/16"	165	21.6	6	36	3.3
46675	1/2"	178	24.6	6	36	4.0
46676	9/16"	190	26.3	6	36	4.7
46677	5/8"	208	30.1	6	60	9.4
46678	11/16"	225	31.8	6	60	10.9
46679	3/4"	248	34.0	6	60	12.6
46680	13/16"	291	39.0	6	36	7.9
46681	7/8"	291	39.0	6	36	7.9
46682	15/16"	333	45.5	6	24	14.4
46683	1"	333	45.5	6	24	14.4

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REVERSIBLE (METRIC)

Part No.	Size	L(mm)	A(mm)			G.W.(kg)
46601	8mm	140	16.9	6	36	2.1
46602	9mm	149	17.5	6	36	2.3
46603	10mm	159	19.8	6	36	2.6
46604	11mm	165	21.6	6	36	3.3
46605	12mm	171	23.0	6	36	3.6
46606	13mm	178	24.6	6	36	4.0
46607	14mm	190	26.3	6	36	4.7
46608	15mm	199	28.4	6	36	5.4
46609	16mm	208	30.1	6	60	9.4
46610	17mm	225	31.8	6	60	10.9
46611	18mm	236	33.2	6	60	12.0
46612	19mm	248	34.0	6	60	12.6
46613	21mm	291	39.0	6	36	7.9
46614	22mm	291	39.0	6	36	7.9
46615	24mm	333	45.5	6	24	14.4
46616	25mm	333	45.5	6	24	14.4

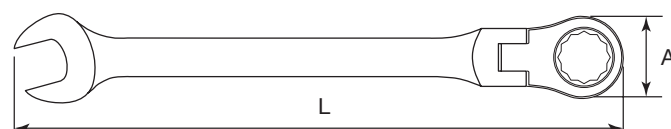
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FLEX HEAD (S.A.E.)

Part No.	Size	L(mm)	A(mm)			G.W.(kg)
46471	5/16"	140	16.0	6	36	2.5
46472	3/8"	159	19.0	6	36	3.6
46473	7/16"	165	20.6	6	36	4.0
46474	1/2"	178	21.7	6	36	5.1
46475	9/16"	190	25.9	6	36	6.2
46476	5/8"	208	28.7	6	36	7.3
46477	11/16"	225	30.5	6	36	8.5
46478	3/4"	248	34.0	6	36	11.2
46479	13/16"	291	39.0	6	36	18.5
46480	7/8"	333	45.5	6	36	20.7
46481	15/16"	333	45.5	4	24	15.6
46482	1"	333	45.5	4	24	16.4

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FLEX HEAD (METRIC)

Part No.	Size	L(mm)	A(mm)			G.W.(kg)
46421	8mm	140	17.0	6	36	2.5
46422	9mm	149	17.8	6	36	3.6
46401	10mm	159	19.0	6	36	3.6
46402	11mm	165	20.6	6	36	3.9
46403	12mm	171	21.7	6	36	4.2
46404	13mm	178	23.6	6	36	4.7
46405	14mm	190	25.9	6	36	5.4
46406	15mm	199	27.2	6	36	6.9
46407	16mm	208	28.7	6	36	7.8
46408	17mm	225	30.5	6	36	8.6
46409	18mm	236	31.5	6	36	9.3
46410	19mm	248	34.0	6	36	10.8
46412	21mm	291	39.0	6	36	18.5
46413	22mm	291	39.0	6	36	20.7
46414	24mm	333	45.5	4	24	15.6
46415	25mm	333	45.5	4	24	16.4

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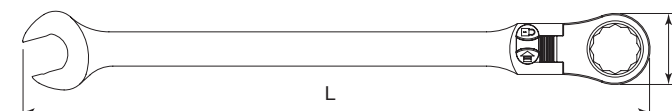
Ratcheting Wrench - Open Stock



XL LOCKING FLEX HEAD (S.A.E.)

Part No.	Size	L(mm)	A(mm)			G.W.(kg)
46901	5/16"	146	16.0	6	72	4.6
46902	11/32"	159	17.5	6	72	5.3
46903	3/8"	171	19.0	6	72	6.7
46904	7/16"	183	20.6	6	72	7.5
46905	1/2"	207	23.6	6	72	10.4
46906	9/16"	219	25.9	6	72	11.8
46907	5/8"	242	28.7	6	36	9.0
46908	11/16"	254	30.5	6	36	10.0
46909	3/4"	280	32.5	6	36	12.5
46910	13/16"	316	39.0	6	24	13.7
46911	7/8"	335	39.0	6	24	13.7
46912	15/16"	356	45.5	6	24	19.0
46913	1"	378	45.5	6	24	19.2

ASME B107.100-2010 (B107.66)



XL LOCKNG FLEX HEAD (METRIC)

Part No.	Size	L(mm)	A(mm)			G.W.(kg)
46801	8mm	146	16.0	6	72	4.6
46802	9mm	159	17.5	6	72	5.3
46803	10mm	171	19.0	6	72	6.7
46804	11mm	183	20.6	6	72	7.5
46805	12mm	195	21.7	6	72	9.6
46806	13mm	207	23.6	6	72	10.4
46807	14mm	219	25.9	6	72	11.8
46808	15mm	231	27.2	6	72	13.4
46809	16mm	242	28.7	6	36	9.0
46810	17mm	254	30.5	6	36	10.0
46811	18mm	267	31.5	6	36	11.0
46812	19mm	280	34.0	6	36	12.5
46813	20mm	297	39.0	6	24	13.2
46814	21mm	316	39.0	6	24	13.7
46815	22mm	335	39.0	6	24	13.7
46816	24mm	356	45.5	6	24	19.0
46817	25mm	378	45.5	6	24	19.2

ASME B107.100-2010 (B107.66)



SOCKET ADAPTER W/ QUICK RELEASE (METRIC)

Part No.	Size	L(mm)	A(mm)	B(mm)			G.W.(kg)
46654	1/4"Dr. x 10mm	20.3	22.0	9.9	10	80	3.6
46655	3/8"Dr. x 13mm	24.3	26.6	12.9	10	80	4.5
46656	1/2"Dr. x 19mm	29.3	34.5	18.9	10	80	8.0

