

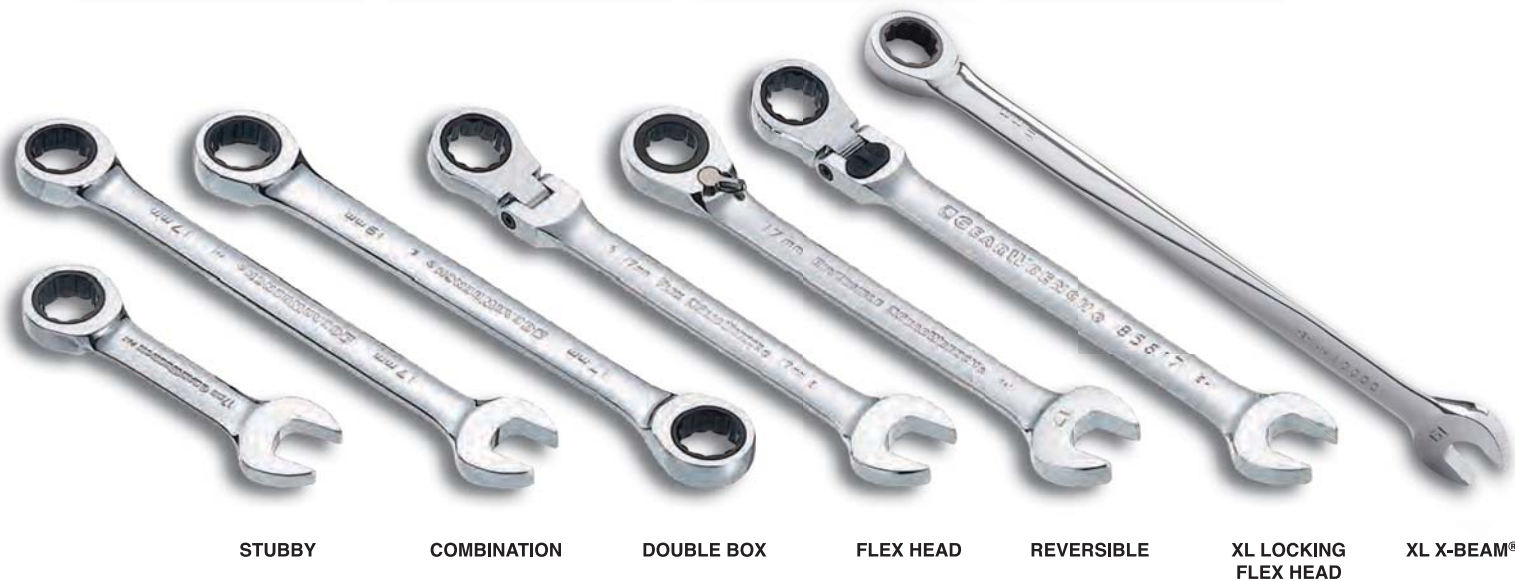
GEARWRENCH®

The SATA GearWrench® 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, 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 of places, 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.

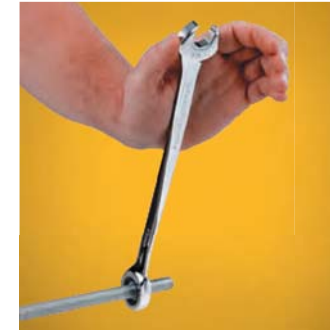
All SATA GearWrench® products are designed and manufactured to the highest standards, with over 100 million units been “Professionally Tested” all over the world.

All SATA GearWrench® ratcheting wrenches are only available in mirror finished.



New

PRODUCTIVITY



The wider, super-strong crossbeam increases contact area with your hand by 525% over traditional wrenches.

ACCESS



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

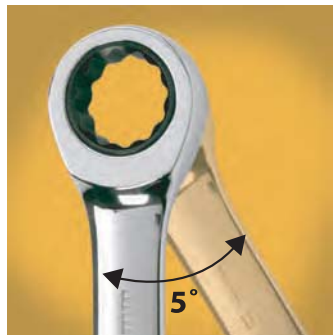
STRENGTH



Surface Drive Plus™ provides a stronger grip on fasteners and delivers up to 25% more torque.

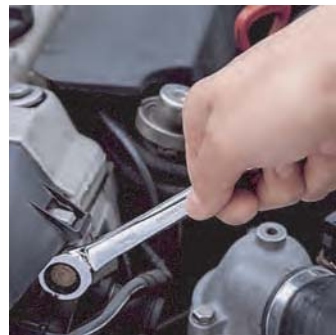


PRODUCTIVITY



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.



Strength

- **Surface Drive**®
- Nearly eliminates fastener rounding

Access

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

Productivity

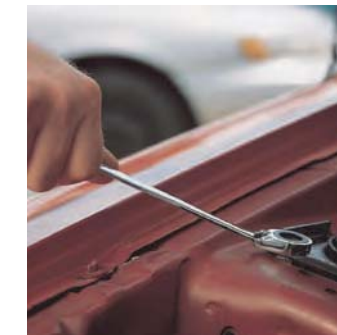
- Ratcheting Box-End needs as little as 5° to move fastener VS. 30° for standard box end wrenches

PRODUCTIVITY



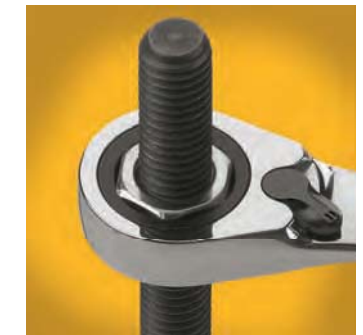
Reversing lever allows you to switch motion from left to right without removing the wrench.

ACCESS

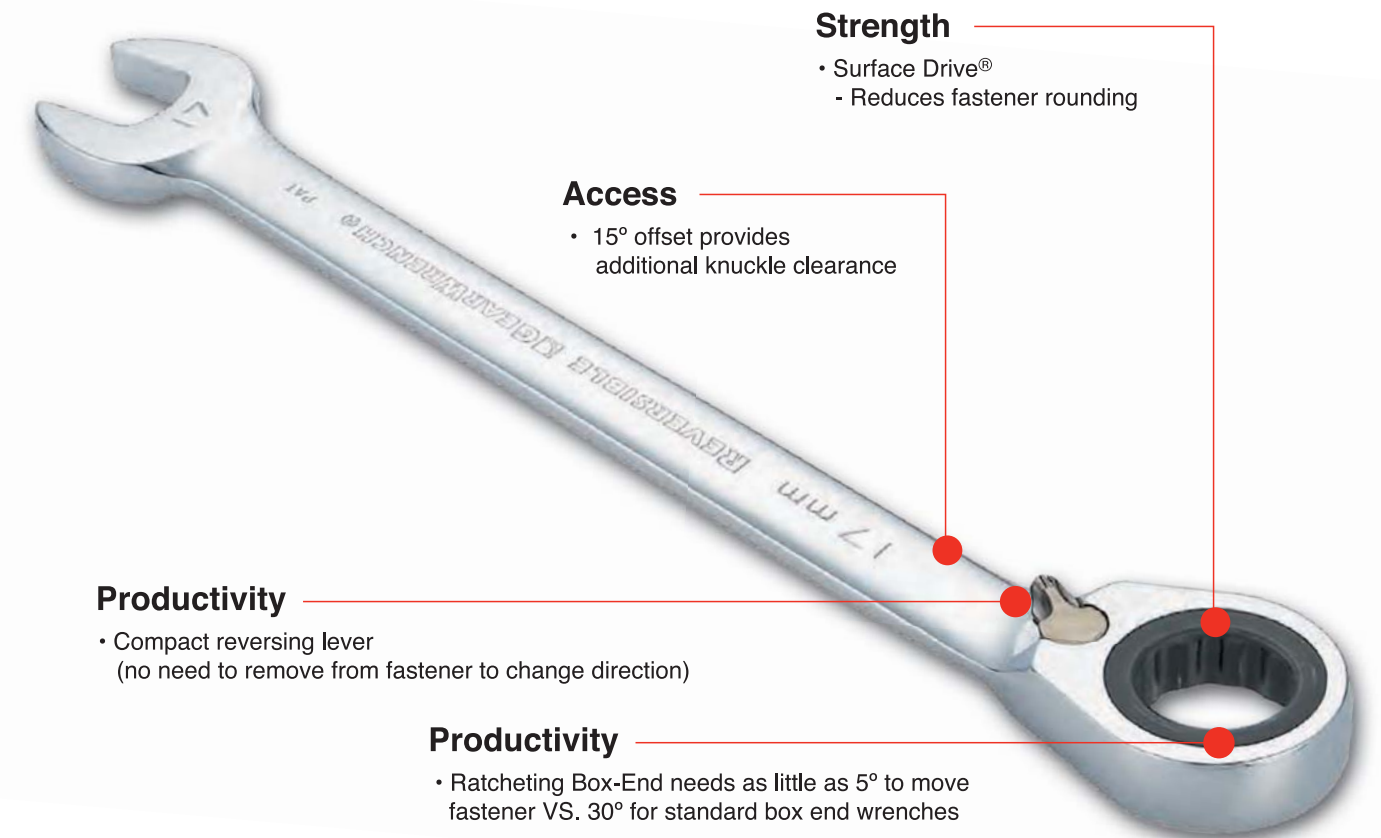


15° offset allows for safe operation above the work surface, providing additional knuckle clearance.

STRENGTH



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



Strength

- **Surface Drive**®
- Reduces fastener rounding

Access

- 15° offset provides additional knuckle clearance

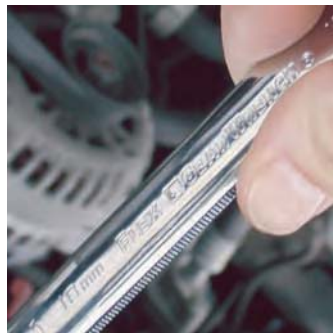
Productivity

- Compact reversing lever (no need to remove from fastener to change direction)

Productivity

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

PRODUCTIVITY



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

ACCESS

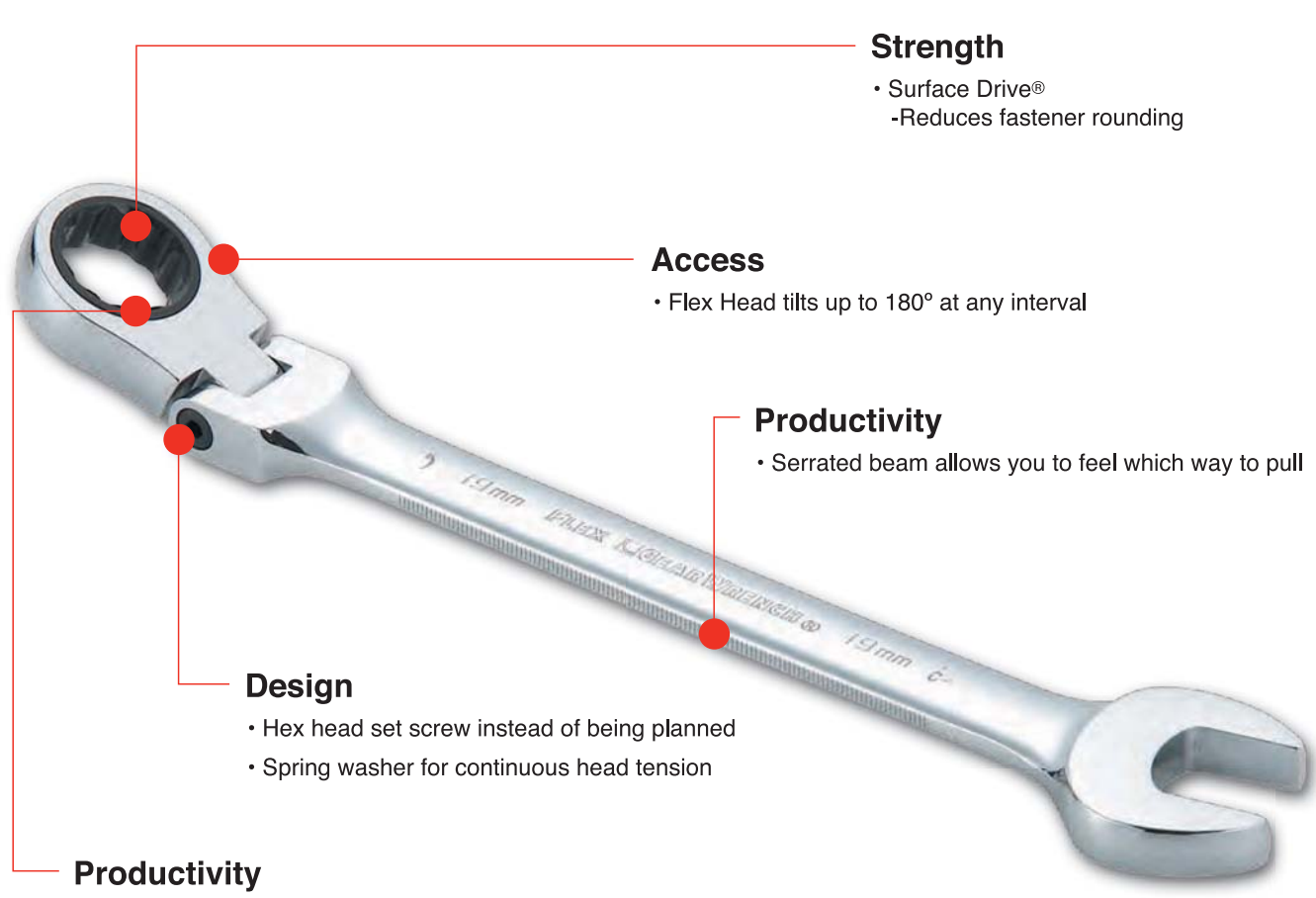


Flex Head tilts up to 180° at any interval.

STRENGTH



Surface Drive® provides a stronger grip on fasteners.



Strength
 • Surface Drive®
 - Reduces fastener rounding

Access
 • Flex Head tilts up to 180° at any interval

Productivity
 • Serrated beam allows you to feel which way to pull

Design
 • Hex head set screw instead of being planned
 • Spring washer for continuous head tension

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

PRODUCTIVITY



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

ACCESS

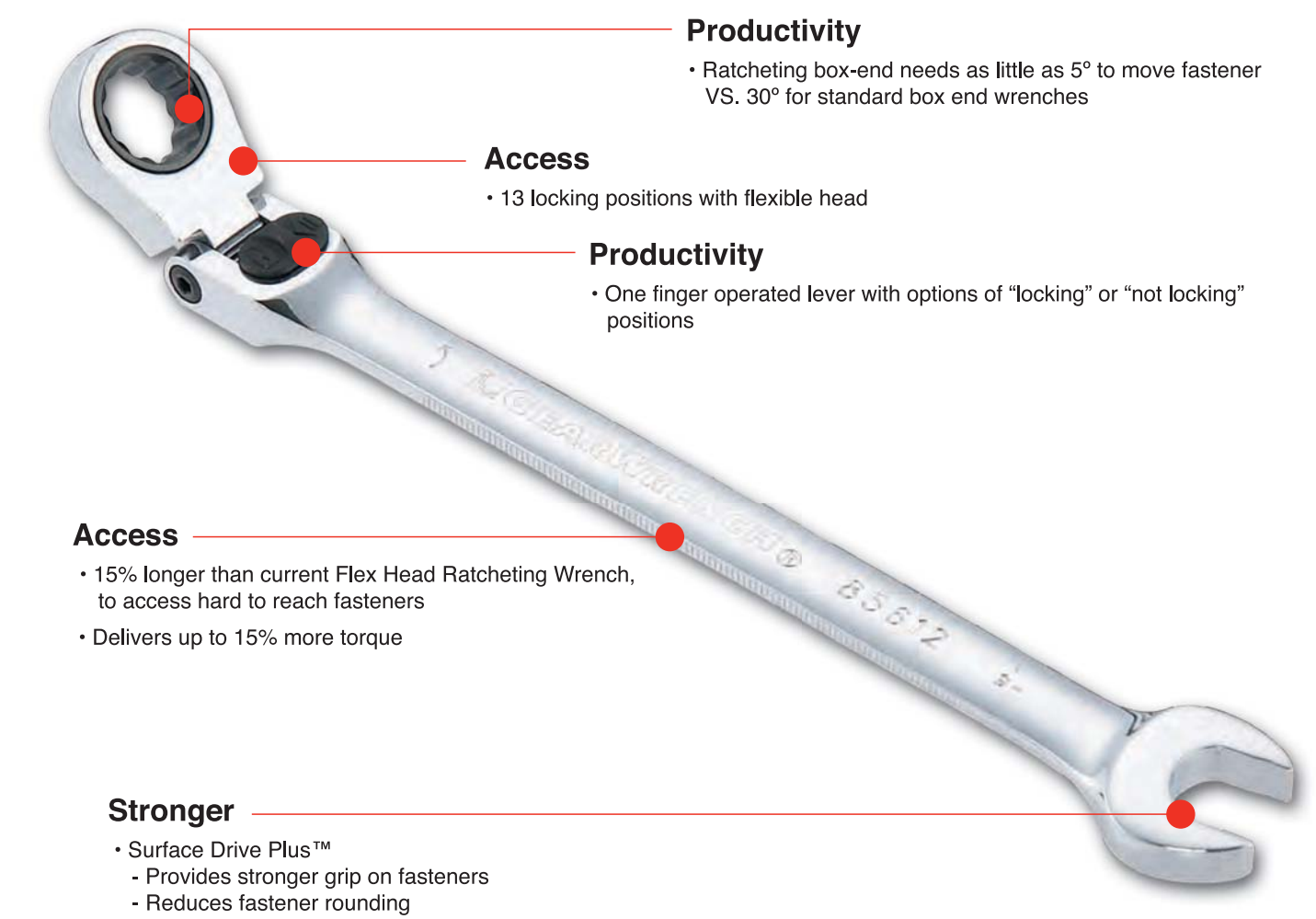


Flexible head has thirteen locking positions and is up to 15% longer.

STRENGTH



Surface Drive Plus™ provides a stronger grip on fasteners.



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 current Flex Head Ratcheting Wrench, to access hard to reach fasteners
 • Delivers up to 15% more torque

Stronger
 • Surface Drive Plus™
 - Provides stronger grip on fasteners
 - Reduces fastener rounding

8PC. XL X-BEAM® SET (METRIC)

New


PART NO.	CONTENT		G.W.(kg)
08015	8PC.	4.0	7.6

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



10PC. XL X-BEAM® SET (METRIC)


New

PART NO.	CONTENT		G.W.(kg)
08016	10PC.	4.0	9.3

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




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

PART NO.	CONTENT		G.W.(kg)
09023	7PC.	6	14.5

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




7PC. COMBINATION SET (METRIC)

PART NO.	CONTENT		G.W.(kg)
09024	7PC.	6	14.5

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




7PC. COMBINATION SET (METRIC)

PART NO.	CONTENT		G.W.(kg)
09050	7PC.	5	7.6

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




5PC. COMBINATION SET (METRIC)

PART NO.	CONTENT		G.W.(kg)
09078	5PC.	12	10.0

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



8PC. COMBINATION SET (METRIC)


PART NO.	CONTENT		G.W.(kg)
09079	8PC.	5	7.0

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



12PC. COMBINATION SET (METRIC)


New

PART NO.	CONTENT		G.W.(kg)
09040	12PC.	4.0	7.1

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



6PC. DOUBLE BOX SET (METRIC)

PART NO.	CONTENT		G.W.(kg)
09025	6PC.	6	16.3

DESCRIPTION:
8x9mm, 10x11mm, 12x13mm,
14x15mm, 16x18mm, 17x19mm




7PC. STUBBY SET (METRIC)

PART NO.	CONTENT		G.W.(kg)
09034	7PC.	12	11.0

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




6PC. REVERSIBLE SET (METRIC)

PART NO.	CONTENT		G.W.(kg)
09080	6PC.	12	6.77

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




5PC. REVERSIBLE SET (METRIC)

PART NO.	CONTENT		G.W.(kg)
09083	5PC.	12	10.7

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





5PC. FLEX HEAD SET (METRIC)

PART NO.	CONTENT		G.W.(kg)
09082	5PC.	12	10.7

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





7PC. XL LOCKING FLEX HEAD SET (METRIC)

PART NO.	CONTENT			G.W.(kg)
09043	7PC.	6	12	16.6

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



3PC. SOCKET ADAPTER SET (METRIC)

PART NO.	CONTENT			G.W.(kg)
09084	3PC.	10	40	6.0



DESCRIPTION:
1/4"DR.x10MM
3/8"DR.x13MM
1/2"DR.x19MM





New



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	13.4
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)

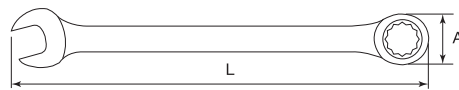
PART NO.	SIZE	L(mm)	A(mm)			G.W.(kg)
46301	8mm	150	16.5	6	96	4.9
46302	9mm	165	17.8	6	96	6.0
46303	10mm	180	19.8	6	96	7.4
46304	11mm	195	21.7	6	96	9.6
46305	12mm	207	23.0	6	96	11.1
46306	13mm	220	25.0	6	72	9.6
46307	14mm	235	26.3	6	72	11.7
46308	15mm	250	28.7	6	72	13.4
46309	16mm	260	30.5	6	36	7.7
46310	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





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	3.9
43105	9/16"	190	25.9	6	36	4.7
43106	5/8"	208	28.7	6	36	5.5
43107	11/16"	225	30.5	6	36	6.3
43108	3/4"	248	34.0	6	36	7.9
43109	13/16"	291	39.0	4	24	9.7
43110	7/8"	333	45.5	4	24	9.7
43111	15/16"	333	45.5	4	16	9.1
43112	1"	333	45.5	4	16	9.2
43113	1-1/16"	359	49.0	4	16	12.2
43114	1-1/8"	402	54.0	2	12	9.6
43115	1-1/4"	425	58.0	2	12	14.1

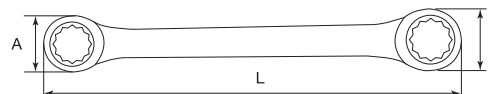


COMBINATION (METRIC)

PART NO.	SIZE	L(mm)	A(mm)			G.W.(kg)
43220	5.5mm	125	16.0	6	96	5.4
43221	6mm	125	16.0	6	96	5.4
43222	7mm	133	16.0	6	96	5.4
43201	8mm	140	16.0	6	96	5.4
43202	9mm	149	17.5	6	96	5.9
43203	10mm	159	19.0	6	96	7.0
43204	11mm	165	20.6	6	36	3.2
43205	12mm	171	21.7	6	36	3.6
43206	13mm	178	23.6	6	36	3.9
43207	14mm	190	25.9	6	36	5.2
43208	15mm	199	27.2	6	36	5.1
43209	16mm	208	28.7	6	36	5.8
43210	17mm	225	30.5	6	36	6.8
43211	18mm	236	31.5	6	36	7.6
43212	19mm	248	34.0	6	36	8.7
43213	21mm	291	39.0	4	24	9.7
43214	22mm	291	39.0	4	24	9.7
43215	24mm	333	45.5	4	16	9.1
43216	25mm	333	45.5	4	16	9.2
43217	27mm	359	49.0	4	16	12.2
43218	30mm	402	54.0	2	12	11.7
43219	32mm	425	58.0	2	12	14.1

DOUBLE BOX (S.A.E.)

PART NO.	SIZE	L(mm)	A(mm)	B(mm)			G.W.(kg)
46101	5/16"x3/8"	128	16.0	18.5	6	36	2.7
46102	7/16"x1/2"	160	20.6	23.0	6	36	3.7
46103	9/16"x5/8"	190	25.9	28.4	6	36	5.7
46104	11/16"x3/4"	230	31.5	32.5	6	36	7.1



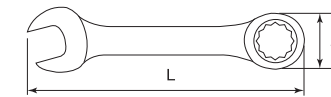
DOUBLE BOX (METRIC)

PART NO.	SIZE	L(mm)	A(mm)	B(mm)			G.W.(kg)
46201	8x9mm	130	16.0	17.0	6	96	5.9
46200	8x10mm	128	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	4.9
46205	16x18mm	210	28.7	31.5	6	36	6.3
46206	17x19mm	230	30.5	32.5	6	36	7.3



STUBBY (S.A.E.)

PART NO.	SIZE	L(mm)	A(mm)			G.W.(kg)
43371	1/4"	80	16.0	6	36	4.8
43372	5/16"	88	16.0	6	36	5.0
43373	3/8"	94	19.0	6	36	5.1
43374	7/16"	102	20.6	6	36	6.6
43375	1/2"	107	23.6	6	36	7.4
43376	9/16"	114	25.9	6	36	10.3
43377	5/8"	122	28.7	6	36	11.8
43378	11/16"	126	30.5	6	36	12.6
43379	3/4"	138	34.0	4	24	9.3

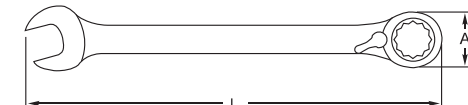


STUBBY (METRIC)

PART NO.	SIZE	L(mm)	A(mm)			G.W.(kg)
43301	10mm	94	19.0	6	96	12.8
43302	11mm	102	20.6	6	96	14.8
43303	12mm	105	21.7	6	96	16.8
43304	13mm	107	23.6	6	36	7.4
43305	14mm	114	25.9	6	36	8.1
43306	15mm	118	27.2	6	36	8.9
43307	16mm	122	28.7	6	36	10.3
43308	17mm	126	30.5	6	36	11.8
43309	18mm	130	31.5	6	36	12.6
43310	19mm	138	34.0	4	24	9.3

REVERSIBLE (S.A.E.)

PART NO.	SIZE	L(mm)	A(mm)			G.W.(kg)
46671	5/16"	140	16.9	6	36	2.7
46672	11/32"	149	17.5	6	36	3.1
46673	3/8"	159	19.8	6	36	3.4
46674	7/16"	165	21.6	6	36	4.5
46675	1/2"	178	24.6	6	36	4.9
46676	9/16"	190	26.3	6	36	5.8
46677	5/8"	208	30.1	6	60	7.6
46678	11/16"	225	31.8	6	60	8.6
46679	3/4"	248	34.0	6	60	9.9
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



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	2.6
46606	13mm	178	24.6	6	36	2.8
46607	14mm	190	26.3	6	36	3.3
46608	15mm	199	28.4	6	36	3.8
46609	16mm	208	30.1	6	60	4.4
46610	17mm	225	31.8	6	60	5.1
46611	18mm	236	33.2	6	60	5.7
46612	19mm	248	34.0	6	60	6.3
46613	21mm	291	39.0	6	60	23.7
46614	22mm	291	39.0	4	36	15.3
46615	24mm	333	45.5	4	24	14.4
46616	25mm	333	45.5	4	24	14.4

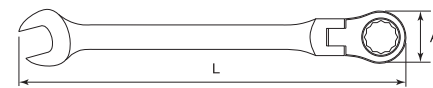


FLEX HEAD (S.A.E.)

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	60	7.3
46477	11/16"	225	30.5	6	60	8.5
46478	3/4"	248	34.0	6	60	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	6	24	15.6
46482	1"	333	45.5	6	24	16.4

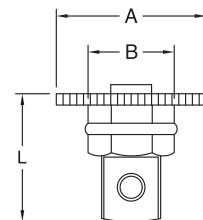
FLEX HEAD (METRIC)

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	3.2
46402	11mm	165	20.6	6	36	3.5
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	6.6
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	4	36	20.7
46413	22mm	291	39.0	4	36	20.7
46414	24mm	333	45.5	4	24	15.6
46415	25mm	333	45.5	4	24	16.4



SOCKET ADAPTER W/QUICK RELEASE (METRIC)

PART NO.	SIZE	L(mm)	A(mm)	B(mm)			G.W.(kg)
46654	1/4"DR.x10MM	20.3	22.0	9.9	10	250	3.6
46655	3/8"DR.x13MM	24.3	26.6	12.9	10	250	4.5
46656	1/2"DR.x19MM	29.3	34.5	18.9	10	80	8.0



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	11.1
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

XL LOCKING 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	72	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

