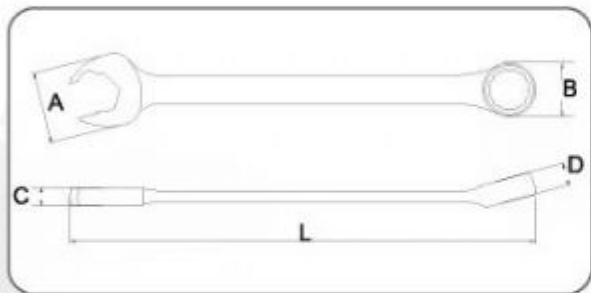
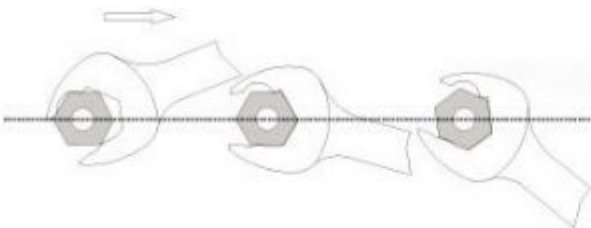


# Combination Wrenches

## TRQ Speed Wrench



package type

### CONFORMS TO AMERICAN NATIONAL STANDARD INSTITUTE (ANSI)

SIZE	L	A	B	C	D	G
8	148	18.9	12.6	4.7	5.7	32
9	154	20.6	15.6	5.8	8.1	46
10	162	21.5	14.4	6.0	8.3	48
11	165	23.0	17.8	6.8	8.5	62
12	174	25.6	18.3	6.9	7.9	70
13	178	26.3	20.3	7.1	8.8	71
14	190	28.9	22.1	7.7	9.6	95
15	205	32.6	24.5	8.5	10.7	124
16	205	32.6	24.5	8.5	10.7	124
17	225	36.3	26.7	8.8	11.0	155
18	248	38.6	28.3	9.2	11.2	176
19	248	38.6	28.3	9.2	11.2	176
5/16	148	18.9	12.6	4.7	5.7	32
3/8	154	21.5	14.4	6.0	8.3	48
7/16	165	23.0	17.8	6.8	8.5	62
1/2	178	26.3	20.3	7.1	8.8	71
9/16	190	28.9	22.1	7.7	9.6	95
5/8	205	32.6	24.5	8.5	10.7	124
11/16	225	36.3	26.7	8.8	11.0	155
3/4	248	38.6	28.3	9.2	11.2	176

ITEM NO. TRQ-91019

SIZE: 10-11-12-13-14-15-16-17-19 MM

BOX: 5 SETS

CTN: 20 SETS

N.W.: 19.80 KGS

G.W.: 20.30 KGS

CUFT: 2.02

ITEM NO. TRQ-120819

SIZE: 8-9-10-11-12-13-14-15-16-17-18-19 MM

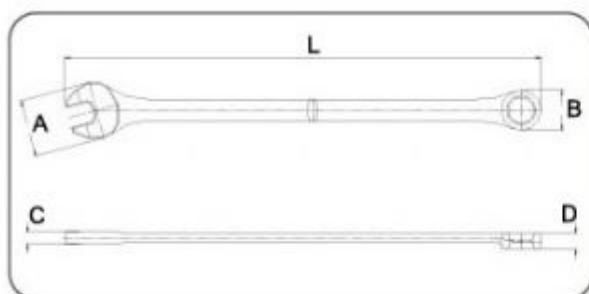
BOX: -----

CTN: 10 SETS

N.W.: 17.00 KGS

G.W.: 17.80 KGS

CUFT: 1.59



package type

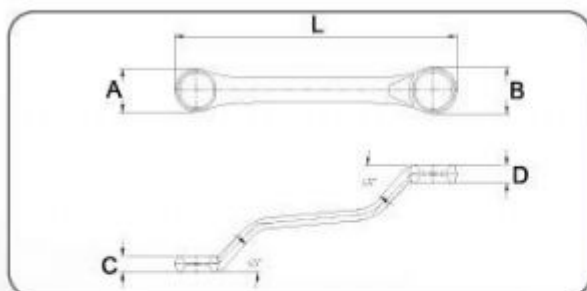
ITEM NO. ASFM-90819  
 SIZE: 8-10-11-12-13-14-17-19 MM  
 BOX: 3 SETS  
 CTN: 12 SETS  
 N.W.: 14.10 KGS  
 G.W.: 14.40 KGS  
 CUFT: 1.40

ITEM NO. ASFM-101019  
 SIZE: 10-11-12-13-14-15-16-17-18-19 MM  
 BOX: 3 SETS  
 CTN: 12 SETS  
 N.W.: 16.30 KGS  
 G.W.: 17.80 KGS  
 CUFT: 1.20

## CAR REPAIR

SIZE	L	A	B	C	D	G
6	128	13.1	9.5	3.7	4.9	24
7	138	13.1	9.5	3.7	4.9	24
8	148	16.5	11.0	4.6	5.2	30
9	160	18.0	12.3	4.9	6.0	35
10	167	21.6	14.6	5.1	6.4	45
11	186	23.7	16.2	5.8	6.8	60
12	196	25.7	18.5	6.2	7.6	71
13	205	27.2	20.2	6.8	8.9	95
14	223	30.3	21.5	7.4	9.3	119
15	233	33.5	23.8	8.5	10.7	155
16	233	33.5	23.8	8.5	10.7	155
17	262	34.7	25.6	8.7	11.7	195
18	271	38.4	28.1	8.6	12.0	237
19	281	38.8	27.4	8.7	12.4	215
20	301	43.2	30.8	9.5	13.2	295
21	301	43.2	30.8	9.5	13.2	295
22	319	45.5	32.3	9.6	13.9	300
23	339	47.8	33.8	9.8	14.7	375
24	339	47.8	33.8	9.8	14.7	375
25	358	52.2	37.0	11.2	15.9	491
26	358	52.2	37.0	11.2	15.9	491
27	388	56.1	39.4	11.7	18.4	625
28	388	56.1	39.4	11.7	18.4	625
29	404	60.4	42.2	12.5	18.5	721
30	404	60.4	42.2	12.5	18.5	721
32	430	64.6	45.7	13.5	20.1	840
1/4	128	13.1	9.5	3.7	4.9	24
5/16	148	16.5	11.0	4.6	5.2	30
3/8	167	21.6	14.6	5.1	6.4	45
7/16	186	23.7	16.2	5.8	6.8	60
1/2	205	27.2	20.2	6.8	8.9	95
9/16	223	30.3	21.5	7.4	9.3	119
5/8	233	33.5	23.8	8.5	10.7	155
11/16	262	34.7	25.6	8.7	11.7	195
3/4	281	38.8	27.4	8.7	12.4	215
13/16	301	43.2	30.8	9.5	13.2	295
7/8	319	45.5	32.3	9.6	13.9	300
15/16	339	47.8	33.8	9.8	14.7	375
1"	358	52.2	37.0	11.2	15.9	491
1-1/16	388	56.1	39.4	11.7	18.4	625
1-1/8	404	60.4	42.2	12.5	18.5	721
1-1/4	430	64.6	45.7	13.5	20.1	840

## CWAD 45° Wrench



package type

### CAR REPAIR

SIZE	L	A	B	C	D	G
10 x 11	115	15.3	17.8	6.9	7.0	48
10 x 12	115	15.3	17.8	6.9	7.0	48
10 x 13	115	15.9	20.5	7.7	8.0	55
12 x 13	140	20.0	22.0	8.9	9.1	70
12 x 14	140	20.0	22.0	8.9	9.1	70
14 x 15	148	24.5	25.9	10.0	10.4	100
14 x 17	148	24.5	25.9	10.0	10.4	100
16 x 18	148	24.5	25.9	10.0	10.4	100
17 x 19	155	25.0	28.6	10.8	11.3	123
3/8 x 7/16	122	15.3	17.8	6.9	7.0	48
1/2 x 9/16	147	20.0	22.0	8.9	9.1	70
5/8 x 11/16	162	24.5	25.9	10.0	10.4	100
5/8 x 3/4	175	25.0	28.6	10.8	11.3	123

ITEM NO. ADBM-11019

SIZE: 10x11-12x13-14x15-16x18-19x22 MM

BOX: 5 SETS

CTN: 20 SETS

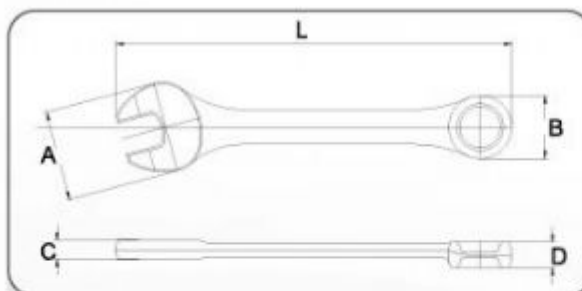
N.W.: 11.00 KGS

G.W.: 12.00 KGS

CUFT: 1.35



# CWAD Wrench



package type

## CAR REPAIR

SIZE	L	A	B	C	D	G
6	77	13.1	10.0	4.6	5.8	14
7	80	15.8	10.3	5.0	5.8	17
8	85	17.8	13.5	5.2	5.9	22
9	90	18.9	14.2	5.2	6.0	29
10	95	22.2	16.1	5.8	7.5	37
11	100	23.9	17.9	6.1	7.8	45
12	104	25.5	19.1	6.6	7.8	51
13	109	27.1	19.9	7.0	9.1	54
14	114	29.2	21.8	7.6	9.4	71
15	120	30.1	22.5	7.8	9.6	76
16	124	32.8	24.1	7.9	9.8	88
17	130	35.8	26.1	8.7	10.8	115
18	134	36.7	27.0	9.1	11.0	118
19	140	38.1	28.6	9.9	11.9	148
22	165	39.7	29.8	10.3	12.5	220
1/4	77	13.1	10.0	4.6	5.8	14
5/16	85	17.8	13.5	5.2	5.9	22
3/8	95	22.2	16.1	5.8	7.5	37
7/16	100	23.9	17.9	6.1	7.8	45
1/2	109	27.1	19.9	7.0	9.1	54
9/16	114	29.2	21.8	7.6	9.4	71
5/8	124	32.8	24.1	7.9	9.8	88
11/16	130	35.8	26.1	8.7	10.8	115
3/4	140	38.1	28.6	9.9	11.9	148

ITEM NO. ADFM-91019

SIZE: 10-11-12-13-14-15-16-17-19 MM

BOX: 5 SETS

CTN: 20 SETS

N.W.: 15.00 KGS

G.W.: 15.50 KGS

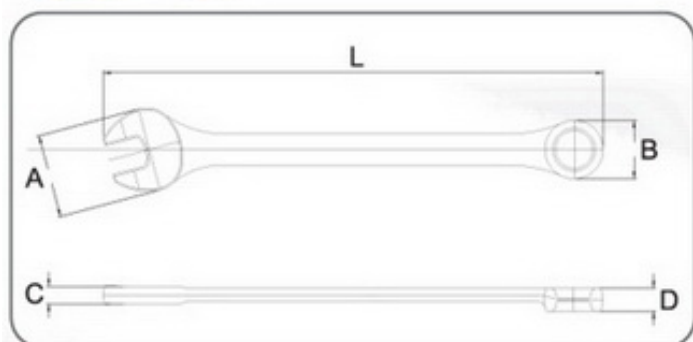
CUFT: 1.38

## CWE Wrench

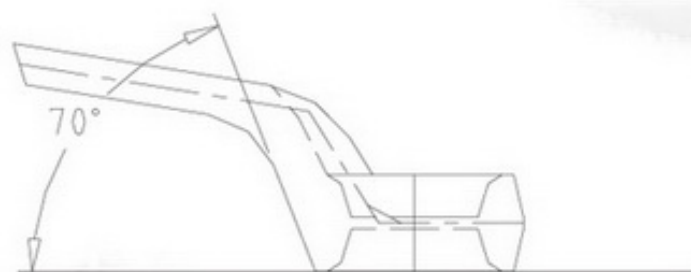


### CONFORMS TO DIN 3113 STANDARD

SIZE	L	A	B	C	D	G
6	102	15.7	10.4	3.6	4.5	17
7	112	17.2	11.6	4.0	4.9	20
8	122	19.6	12.8	4.5	5.3	26
9	132	21.5	14.6	4.7	5.7	35
10	140	23.8	16.2	4.9	6.6	40
11	150	25.6	17.5	5.0	6.9	50
12	160	27.4	18.4	5.4	7.2	59
13	170	29.6	19.8	5.9	7.7	75
14	180	31.7	21.6	6.2	8.6	92
15	190	33.2	23.1	6.5	8.7	95
16	200	34.7	24.5	6.6	8.9	109
17	210	36.8	25.8	6.7	8.9	122
18	220	38.8	26.9	7.1	9.9	149
19	230	40.8	28.6	7.4	10.3	165
20	240	43.0	29.7	7.6	10.5	185
21	250	45.3	31.8	7.8	11.0	209
22	260	46.6	32.7	8.0	11.7	231
23	270	47.7	33.5	8.4	11.9	234
24	280	50.4	35.9	8.5	12.2	274
25	290	52.5	36.9	8.8	12.3	286
26	300	53.0	38.2	9.0	12.4	310
27	310	53.3	38.5	9.2	12.5	330
28	320	56.6	40.5	9.3	12.6	388
29	330	59.0	41.4	9.5	12.8	419
30	340	62.3	43.9	9.9	13.2	474
32	360	65.7	45.7	10.3	14.0	523
33	380	69.2	50.2	11.6	15.7	686
34	380	69.2	50.2	11.6	15.7	686
35	410	74.6	54.3	13.2	18.5	878
36	410	74.6	54.3	13.2	18.5	878
38	440	77.0	57.0	14.4	19.0	968
41	460	83.6	61.3	14.5	21.5	1234
42	460	83.6	61.3	14.5	21.5	1234
43	460	83.6	61.3	14.5	21.5	1234
44	500	89.3	63.9	15.0	21.7	1566
45	500	89.3	63.9	15.0	21.7	1566
46	500	89.3	63.9	15.0	21.7	1566
48	540	97.0	73.5	16.9	23.1	1951
50	540	97.0	73.5	16.9	23.1	1951

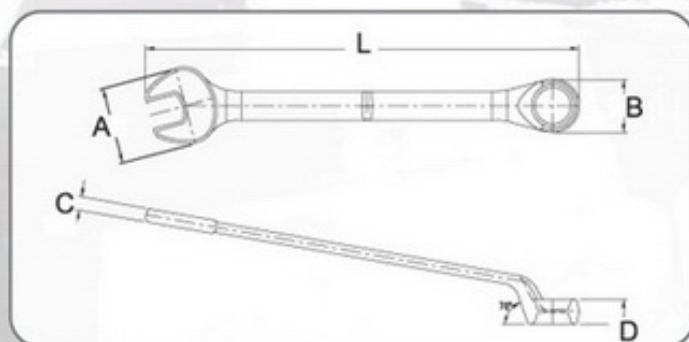


## AE 70°Wrench



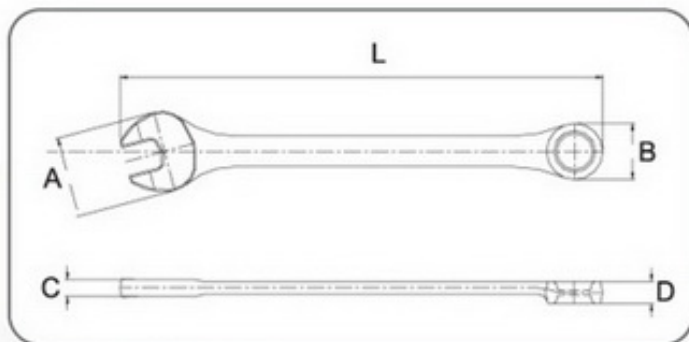
### CONFORMS TO DIN 3113 STANDARD

SIZE	L	A	B	C	D	G
6	102	15.2	10.3	3.9	5.1	16
7	112	17.3	11.5	4.1	6.3	20
8	122	19.2	13.1	4.3	6.6	25
9	131	21.1	14.0	4.8	7.3	33
10	140	23.1	15.7	4.8	8.2	41
11	150	25.0	17.0	5.3	8.4	50
12	160	26.4	18.7	5.4	9.0	58
13	170	29.2	21.1	5.5	9.5	74
14	180	31.4	21.6	5.8	9.7	88
15	190	33.1	22.9	6.2	9.7	103
16	200	34.8	24.3	6.0	10.5	116
17	210	36.3	25.2	6.5	11.5	135
18	220	38.7	27.3	6.7	13.0	155
19	230	40.4	28.3	7.2	13.4	184
21	260	46.6	30.8	7.8	14.8	247
22	260	46.6	30.8	7.8	14.8	247
24	280	50.4	34.4	8.3	15.2	311
27	310	55.3	38.4	8.5	16.2	390
30	340	61.0	41.7	9.2	18.2	500
32	360	65.5	44.5	10.1	19.5	621





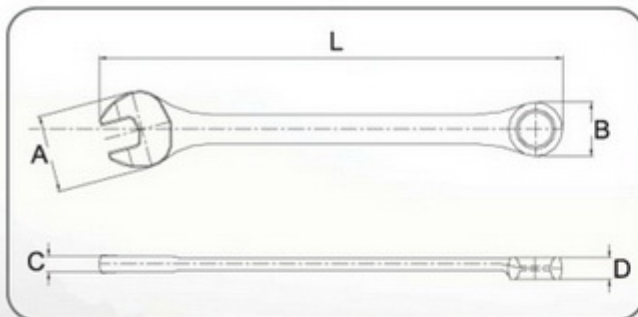
## TR Wrench



### CONFORMS TO AMERICAN NATIONAL STANDARD INSTITUTE (ANSI)

SIZE	L	A	B	C	D	G
6	128	13.7	10.5	4.3	4.6	21
7	138	15.2	11.6	4.6	5.1	25
8	148	18.9	12.6	4.7	5.7	32
9	154	20.6	15.6	5.8	8.1	46
10	162	21.5	14.4	6.0	8.3	48
11	167	23.0	17.8	6.8	8.5	62
12	174	25.6	18.3	6.9	7.9	70
13	178	26.3	20.3	7.1	8.8	71
14	190	28.9	22.1	7.7	9.6	95
15	205	32.6	24.5	8.5	10.7	124
16	205	32.6	24.5	8.5	10.7	124
17	225	36.3	26.7	8.8	11.0	155
18	248	38.6	28.3	9.2	11.2	176
19	248	38.6	28.3	9.2	11.2	176
20	270	42.5	30.5	9.8	12.4	233
21	270	42.5	30.5	9.8	12.4	233
22	292	46.5	33.3	10.4	12.9	287
23	314	48.5	35.4	10.8	13.9	332
24	314	48.5	35.4	10.8	13.9	332
25	336	50.4	36.5	11.4	14.4	422
26	336	50.4	36.5	11.4	14.4	422
27	359	53.5	38.4	12.3	15.4	512
28	390	57.2	43.1	12.9	15.8	664
29	390	57.2	43.1	12.9	15.8	664
30	390	57.2	43.1	12.9	15.8	664
32	425	62.0	45.1	13.0	16.4	847
1/4	128	13.7	10.5	4.3	4.6	21
5/16	148	18.9	12.6	4.7	5.7	32
3/8	154	20.6	15.6	5.8	8.1	46
7/16	167	23.0	17.8	6.8	8.5	62
1/2	178	26.3	20.3	7.1	8.8	71
9/16	190	28.9	22.1	7.7	9.6	95
5/8	205	32.6	24.5	8.5	10.7	124
11/16	225	36.3	26.7	8.8	11.0	155
3/4	248	38.6	28.3	9.2	11.2	176
13/16	270	42.5	30.5	9.8	12.4	233
7/8	292	46.5	33.3	10.4	12.9	287
15/16	314	48.5	35.4	10.8	13.9	332
1"	336	50.4	36.5	11.4	14.4	422
1-1/16	359	53.5	38.4	12.3	15.4	512
1-1/8	390	57.2	43.1	12.9	15.8	664
1-1/4	425	62.0	45.1	13.0	16.4	847

## AR 2 Generation Flat Wrench

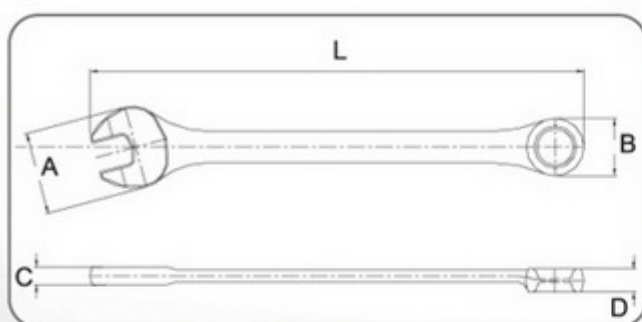


### CONFORMS TO AMERICAN NATIONAL STANDARD INSTITUTE (ANSI)

SIZE	L	A	B	C	D	G
6	98	14.3	9.6	3.9	4.6	16
7	98	14.3	9.6	3.9	4.6	16
8	102	17.9	11.4	4.2	4.9	20
9	116	21.9	14.8	5.0	6.4	36
10	123	23.1	16.8	5.5	7.0	39
1	131	24.0	17.4	5.5	7.7	44
12	138	25.5	19.0	5.7	8.1	53
13	148	27.0	20.2	5.9	8.7	62
14	168	30.6	21.7	6.2	8.9	83
15	189	32.3	23.9	6.6	9.7	107
16	189	32.6	23.9	6.6	9.7	107
17	207	36.6	26.6	7.0	10.1	135
18	230	38.8	28.4	7.7	10.6	165
19	230	38.8	28.4	7.7	10.6	165
20	260	42.7	31.2	9.4	11.7	219
21	260	42.7	31.2	9.4	11.7	219
22	284	44.3	33.4	8.8	12.3	256
23	284	44.3	33.4	8.8	12.3	256
24	310	49.1	36.1	9.5	12.5	350
25	333	51.0	37.7	10.7	13.4	395
26	333	51.0	37.7	10.7	13.4	395
27	361	53.9	38.9	12.6	15.9	422
28	361	53.9	38.9	12.6	15.9	422
29	382	57.3	43.2	13.1	16.3	624
30	382	57.3	43.2	13.1	16.3	624
32	412	62.6	44.7	13.9	17.7	698
1/4	98	14.3	9.6	3.9	4.6	16
5/16	102	17.9	11.4	4.2	4.9	20
11/32	116	21.9	14.8	5.0	6.4	36
3/8	116	21.9	14.8	5.0	6.4	36
7/16	131	24.0	17.4	5.5	7.7	44
1/2	148	27.0	20.2	5.9	8.7	62
9/16	168	30.6	21.7	6.2	8.9	83
5/8	189	32.6	23.9	6.6	9.7	107
11/16	207	36.6	26.6	7.0	10.1	135
3/4	230	38.8	28.4	7.7	10.6	165
13/16	260	42.7	31.2	9.4	11.7	219
7/8	284	44.3	33.4	8.8	12.3	256
15/16	310	49.1	36.1	9.5	12.5	350
1"	333	51.0	37.7	10.7	13.4	395
1-1/16	361	53.9	38.9	12.6	15.9	422
1-1/8	382	57.3	43.2	13.1	16.3	624
1-1/4	412	62.6	44.7	13.9	17.7	698



## American Second Generation Wrench

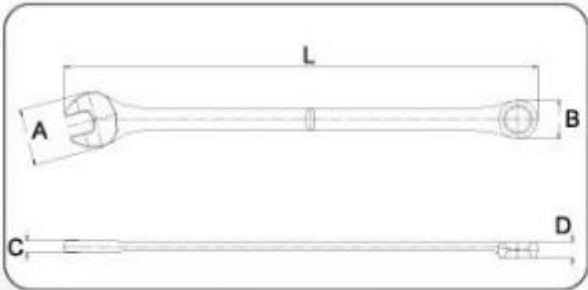


### CONFORMS TO AMERICAN NATIONAL STANDARD INSTITUTE (ANSI)

SIZE	L	A	B	C	D	G
6	90	15.7	10.4	4.4	5.0	22
7	98	17.1	12.1	4.5	5.3	24
8	102	19.2	12.8	4.6	5.5	27
9	116	21.2	14.8	5.1	6.2	35
10	123	23.2	16.6	5.1	6.3	52
11	131	24.5	17.3	5.6	6.7	52
12	142	25.4	18.4	5.6	7.1	62
13	148	27.9	20.0	5.7	7.6	67
14	168	30.1	21.7	6.7	8.2	88
15	189	31.7	24.1	7.1	9.1	110
16	189	31.7	24.1	7.1	9.1	110
17	207	36.5	26.7	7.8	9.8	155
18	207	36.5	26.7	7.8	9.8	155
19	230	39.8	29.3	7.8	10.4	185
20	260	43.3	31.5	9.4	11.9	271
21	260	43.3	31.5	9.4	11.9	271
22	280	44.4	33.6	9.6	12.2	286
23	280	44.4	33.6	9.6	12.2	286
24	310	49.0	35.8	10.6	12.4	421
25	333	51.4	37.9	11.0	12.7	476
26	333	51.4	37.9	11.0	12.7	476
27	361	57.1	42.0	11.1	13.1	584
28	361	57.1	42.0	11.1	13.1	584
29	382	59.5	43.7	11.8	13.7	620
30	382	59.5	43.7	11.8	13.7	620
32	412	63.8	48.3	12.1	14.8	781
33	435	66.7	49.3	14.3	18.2	994
34	435	66.7	49.3	14.3	18.2	994
35	455	68	50.4	15.1	19.5	1180
36	490	73.5	54	16.3	20.5	1377
38	490	73.5	54	16.3	20.5	1377
41	545	92	65	16.3	21.8	1880
42	545	92	65	16.3	21.8	1880
43	545	92	65	16.3	21.8	1880
44	545	92	65	16.3	21.8	1880
46	545	92	65	16.3	21.8	1880
48	610	96.8	73	18	22	2583
50	610	96.8	73	18	22	2583
55	630	113	92	21	30	3930
58	630	113	92	21	30	3930
60	630	113	92	21	30	3930

# Automobile Repair Tools

## LS Specialty Wrench



package type

### CAR REPAIR

SIZE	L	A	B	C	D	G
10	189	22.8	15.8	5.1	6.9	53
11	207	24.6	17.3	5.3	7.0	62
12	225	27.2	18.8	5.6	7.8	77
13	243	28.6	20.4	5.7	8.5	113
14	261	31.4	21.8	6.9	9.1	128
15	279	33.5	23.4	7	9.3	144
16	297	35.3	24.8	7.3	10.0	182
17	314	37.6	26.2	7.4	10.1	197
18	333	39.4	27.5	7.8	11.3	223
19	349	41.5	28.7	8.7	12.7	271
10 11 12 13 14 15 16 17 18 19 1998						

ITEM NO. LSCM-S1001  
SIZE: 10-11-12-13-14-15-16-17-18-19 MM  
BOX:-----  
CTN: 10 SETS  
N.W.: 17.80 KGS  
G.W.: 18.63 KGS  
CUFT: 1.57

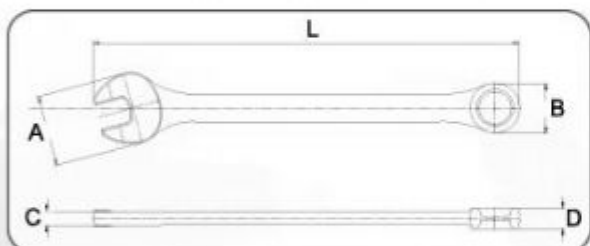
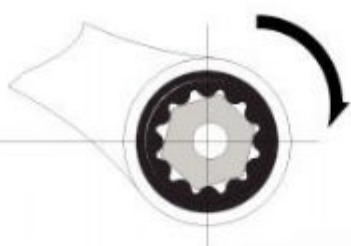
# Engineer Wrenches

## GW-Way Ratchet Wrench



### SGEAR : Mirror Finishing

Flat Panel : All Drop Forged From Chrome Vanadium Steel



ITEM NO : SGEAR-120819

SIZE : 8.9.10.11.12.13.14.15.16.17.18.19

BOX : ———

CTN : 10 SETS

N.W : 17.50 KGS

G.W : 18.30 KGS

CUFT : 1.76

### CAR REPAIR

SIZE	L	A	B	C	D	G
8	140	16.7	16.4	4.3	6.6	38.8
9	148	18.8	18.0	4.7	7.3	48.1
10	160	20.9	19.6	4.9	7.9	55.6
11	165	23.0	21.1	5.2	8.2	64.4
12	170	25.1	22.2	5.2	8.5	84.6
13	178	27.2	24.1	5.8	8.8	96.6
14	190	29.3	26.4	6.0	9.2	108.9
15	200	31.3	27.7	6.1	9.7	130.4
16	205	33.4	29.2	7.0	10.3	149.3
17	225	35.5	31.0	7.0	10.8	183.9
18	236	37.6	32.0	7.3	11.0	201.7
19	248	39.7	33.0	8.2	12.2	237.3
5/16	140	16.7	16.4	4.3	6.6	38.8
3/8	160	20.9	19.6	4.9	7.9	55.6
7/16	165	23.0	21.1	5.2	8.2	64.4
1/2	178	27.2	24.1	5.8	8.8	96.6
9/16	190	29.3	26.4	6.0	9.2	108.9
5/8	205	33.4	29.2	7.0	10.3	149.3
11/16	225	35.5	31.0	7.0	10.8	183.9
3/4	248	39.7	33.0	8.2	12.2	237.3
20	290	45.2	41.4	9.8	12.9	340
21	290	45.2	41.4	9.8	12.9	348
22	290	45.2	41.4	9.8	12.9	345
23	330	51.5	48.1	10.1	14.5	455
24	330	51.5	48.1	10.1	14.5	466
25	330	51.5	48.1	10.1	14.5	472

ITEM NO. SGEAR-70819

SIZE: 8-10-12-13-14-17-19 MM

BOX: 5 SETS

CTN: 20 SETS

N.W.: 20.20 KGS

G.W.: 20.80 KGS

CUFT: 1.60

ITEM NO. SGEAR-51019

SIZE: 10-12-14-17-19 MM

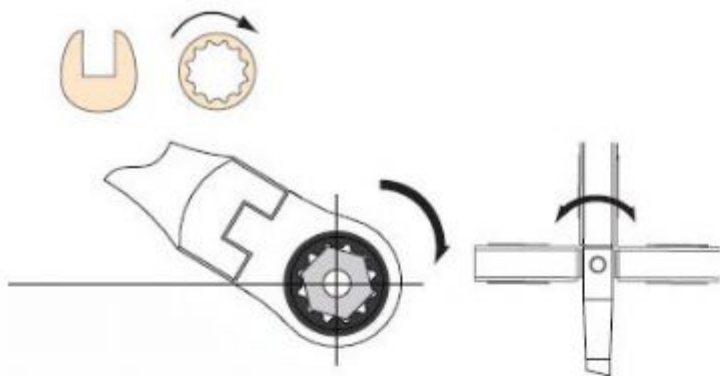
BOX: 5 SETS CTN: 20 SETS

N.W.: 22.00 KGS G.W.: 23.00 KGS

CUFT: 1.70

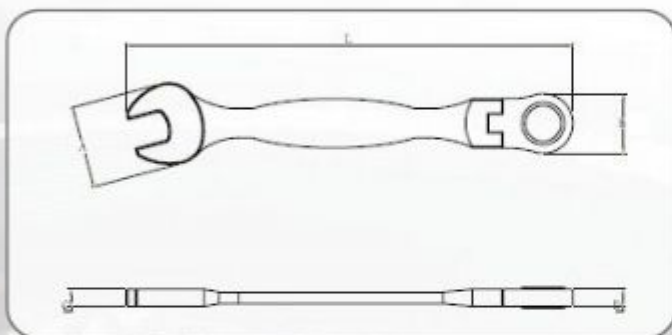


# Single Unidirectional Ratchet Wrench



## CAR REPAIR

SIZE	L	A	B	C	D	G
8	140	16,7	4,3	4,3	6,6	38,8
9	148	18,0	4,7	4,7	7,3	48,1
10	160	19,6	4,9	4,9	7,9	55,6
11	165	21,1	5,2	5,2	8,2	64,4
12	170	22,2	5,2	5,2	8,5	84,6
13	178	24,1	5,8	5,8	8,8	96,6
14	190	26,4	6,0	6,0	9,2	108,9
15	200	27,7	6,1	6,1	9,7	130,4
16	205	29,2	7,0	7,0	10,3	149,3
17	225	31,0	7,0	7,0	10,8	183,9
18	236	32,0	7,3	7,3	11,0	201,7
19	248	33,0	8,3	8,2	12,2	237,3



FCG-51019

package type

ITEM NO : FCG-51019

SIZE : 10 . 12 . 14 . 17 . 19

PCS : 5 SETS

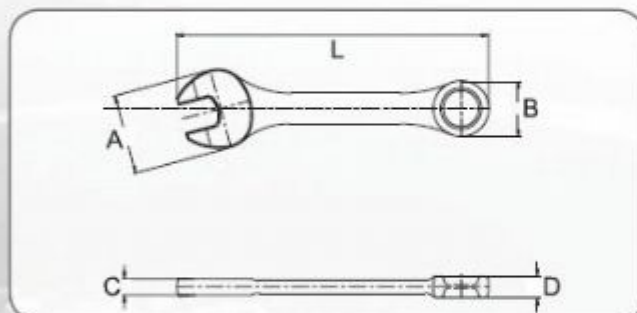
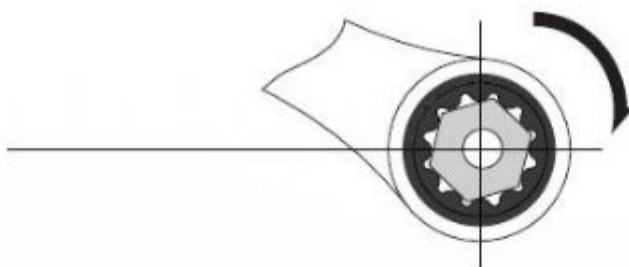
CTN : 20 SETS

N.W : 20,20 KGS

G.W : 23,00 KGS

CUFT : 1,70

# Short Ratchet Wrench



package type

## CAR REPAIR

SIZE	L	A	B	C	D	G
8	89	17,3	18,0	4,6	7,5	30
9	92	18,9	18,6	5,3	8,5	37
10	96	21,4	21,4	5,5	8,5	44
11	104	23,7	22,9	5,6	8,8	54
12	107	26,0	24,0	6,0	9,0	62
13	109	27,9	25,9	6,2	10,0	75
14	116	30,2	28,5	6,7	10,4	92
15	120	32,1	30,1	7,5	11,4	113
16	124	34,0	31,0	7,5	11,5	120
17	129	36,4	32,9	8,0	12,0	143
18	132	38,0	33,9	8,3	12,2	147
19	140	40,5	35,8	9,1	13,4	191

ITEM NO : GADC3M-51019

SIZE : 10-12-14-17-19 MM

BOX : 5 SETS

CTN : 30 SETS

N.W.: 15,70 KGS

G.W.: 16,30 KGS

CUFT: 3,24