

WRENCHES

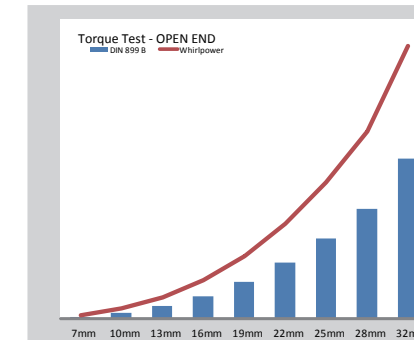


Torque Strength 70%
Higher than DIN standard

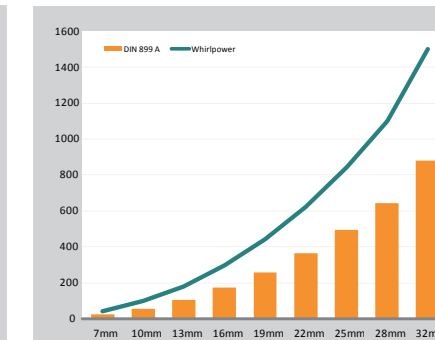
Torque and Fatigue tester



OPEN END



RING END



Different angles for better operation



Europe type
(Thin Wall)

DUO-ACTION RATCHET WRENCH



TWO ENDS + TWO DIRECTIONS

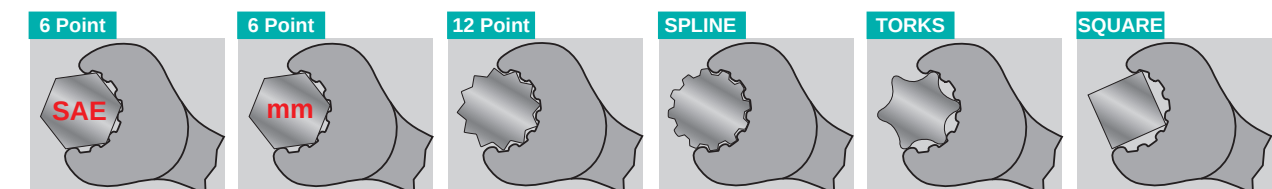
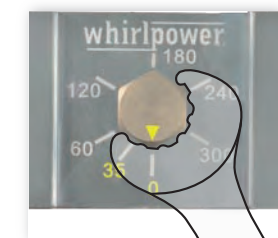
- More efficient and easier to use than traditional wrenches, saves up to **40%+** operation time.
- Suitable for working in limited space.
- More turning angle up to **35°** degree.

▲ POWERFUL

Four contact points to increase torque transmission with even distribution to fastener without causing damage.

▲ EFFICIENT

Next turn repositioning without removing or lifting the wrench.



Mult-Functional system can be applied to different types of bolts and fasteners.



Whirlpower's professional wrenches are CRV steel manufactured. Toughness, high torque high precision yet elegant finish.



Gear Wrenches / Half-Moon Double Ring Wrenches
Combination Wrenches / Open End Wrenches
Box End Wrenches / Flare Nut Wrenches
Striking Wrenches / Banlin Wrenches

GEAR WRENCH



• High Torque, 72 teeth

• 180° swivel head

• 2 ways gear wrench



WRENCHES

1241-1

Double Open End Wrenches

- DIN 3110, ISO10102
- Open end angled at 15°
- Chrome vanadium steel



Size	A mm	B mm	C mm	D mm	L mm	g mm	Code
6x7	15	17	3	4	123	19	0607
8x9	19	21	3	3	140	34	0809
8x10	19	21	3	3	140	34	0810
10x11	23	26	4	4	156	47	1011
10x12	23	26	4	4	156	47	1012
11x13	29	31	5	5	172	68	1113
12x13	29	31	5	5	172	68	1213
12x14	30	31	5	5	180	95	1214
13x14	30	31	5	5	180	95	1314
14x15	31	34	5	5	190	102	1415
14x17	31	37	6	6	195	115	1417
16x17	35	37	6	6	204	126	1617
17x19	39	41	6	6	221	179	1719
18x19	39	41	6	6	221	179	1819
19x21	43	47	7	7	237	205	1921
20x22	43	47	7	7	237	205	2022
21x23	45	49	7	7	247	233	2123
22x24	45	49	7	7	247	233	2224
23x26	51	56	8	8	263	324	2326
24x26	51	56	8	8	263	324	2426
24x27	51	56	8	8	263	324	2427
25x28	55	61	8	8	279	405	2528
30x32	56	65	9	9	298	439	3032

Double Open End Wrenches Set



Code	Contents	g
A08	6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22mm	910
B10	6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 24x27, 25x28mm	1640
C12	6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27, 25x28, 30x32mm	2310



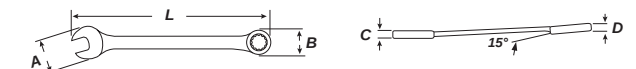
Code	Contents	g
D08	6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22mm	890
E10	6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 22x24mm	1379

- Special size in addition to regular

1242-1

Combination Wrenches, 15° Offset Ring

- DIN 3113, ISO7738
- 12-point ring angled at 15°
- Open end angled at 15°
- Chrome vanadium steel



Size	A mm	B mm	C mm	D mm	L mm	g mm	Code
6	16	10	3	5	105	21	06
7	17	11	3	5	115	23	07
8	19	13	4	5	125	26	08
9	21	14	4	6	135	29	09
10	23	16	4	6	145	39	10
11	26	17	5	7	155	52	11
12	28	18	5	7	165	64	12
13	30	20	5	8	175	68	13
14	32	21	6	8	185	87	14
15	34	23	6	9	195	102	15
16	35	24	6	9	205	114	16
17	37	26	6	10	215	135	17
18	39	27	7	10	225	154	18
19	41	28	7	11	235	178	19
20	43	30	7	11	245	192	20
21	45	30	7	12	255	216	21
22	47	32	7	12	265	237	22
23	49	34	8	12	275	282	23
24	51	35	8	13	285	309	24
25	53	36	8	13	295	314	25
26	54	38	8	13	305	344	26
27	56	39	9	14	315	369	27
28	58	40	9	14	325	412	28
29	60	42	9	14	335	441	29
30	62	43	9	14	345	493	30
32	66	46	10	15	365	464	32

Combination Wrenches Offset Ring Set



Code	Contents	g
A07	10, 11, 12, 13, 14, 17, 19mm	750
B08	8, 10, 11, 12, 13, 14, 17, 19mm	770
C12	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm	1180
D14	10, 11, 12, 13, 14, 16, 17, 19, 21, 22, 24, 27, 30, 32mm	2830
• E14	6, 7, 8, 10, 12, 13, 14, 17, 19, 22, 24, 27, 30, 32mm	2650
F16	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24mm	2230
G26	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32mm	5370
• K23	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 27, 30, 32mm	4536



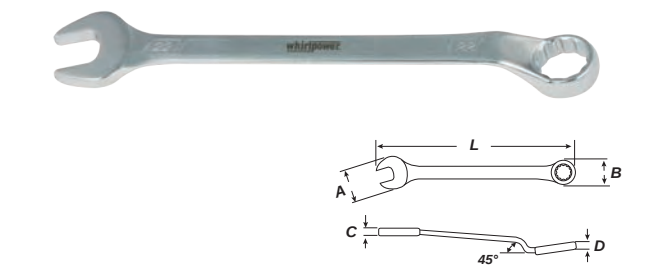
Code	Contents	g
H13	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22mm	1420
I13	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22mm	1480
J13	7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm	1270
L07	10, 12, 13, 14, 17, 19, 22mm	866
M11	8, 10, 11, 12, 13, 14, 15, 17, 19, 21, 22mm	1275

WRENCHES

1242-5

Combination Wrenches, 45° Offset Ring

- DIN 3113, from ISO 3318, ISO7738
- 12-point ring angled at 45°
- Open end angled at 15°
- Chrome vanadium steel



Size	A mm	B mm	C mm	D mm	L mm	g mm	Code
6	16	10	4	5	110	15	06
7	17	11	4	5	120	19	07
8	19	13	4	6	130	24	08
9	21	14	4	6	140	30	09
10	23	16	5	7	150	35	10
11	26	17	5	7	160	47	11
12	28	19	5	8	170	54	12
13	30	20	6	8	180	68	13
14	32	21	6	9	190	79	14
15	34	23	6	10	200	89	15
16	36	24	6	10	210	110	16
17	37	26	7	10	220	124	17
18	39	27	7	11	230	149	18
19	41	28	7	11	240	166	19
20	43	30	7	12	250	185	20
21	45	30	8	13	260	217	21
22	47	32	8	13	270	227	22
23	49	34	8	13	280	244	23
24	51	35	8	14	290	293	24
25	53	36	9	14	300	287	25
26	54	38	9	14	310	348	26
27	56	39	9	15	320	374	27
28	58	40	9	15	330	403	28
29	60	42	10	15	340	504	29
30	62	43	10	15	350	475	30
32	66	46	10	16	370	580	32

Combination Wrenches Offset Ring Set



Code	Contents	g
A07	10, 11, 12, 13, 14, 17, 19mm	700
B08	8, 10, 11, 12, 13, 14, 17, 19mm	720
C12	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm	1110
D14	10, 11, 12, 13, 14, 16, 17, 19, 21, 22, 24, 27, 30, 32mm	2980
E16	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24mm	2650
F26	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32mm	5340
H13	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22mm	1340
I13	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22mm	1340

• Special size in addition to regular

1242-7

Combination Angle+ Wrenches

- Chrome vanadium steel

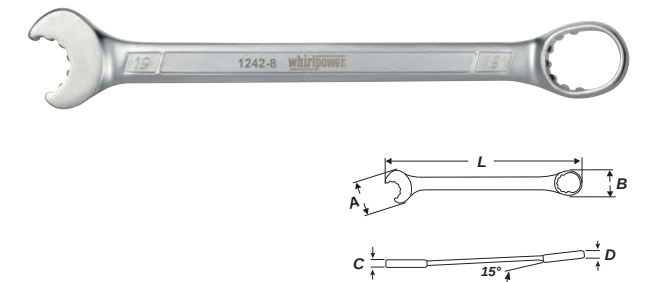


Size	L mm	g mm	Code
6	100	17	06
7	110	18	07
8	120	26	08
9	130	29	09
10	140	39	10
11	150	47	11
12	160	56	12
13	170	68	13
14	180	87	14
15	190	102	15
16	200	110	16
17	210	126	17
18	220	141	18
19	230	165	19
20	240	186	20
21	250	195	21
22	260	210	22
23	270	248	23
24	280	272	24
25	290	301	25
26	300	314	26
27	310	369	27
28	320	403	28
29	330	438	29
30	340	465	30
32	360	508	32

1242-8

Duo-Action Ratchet Wrenches

- Chrome vanadium steel
- Satin chrome finish



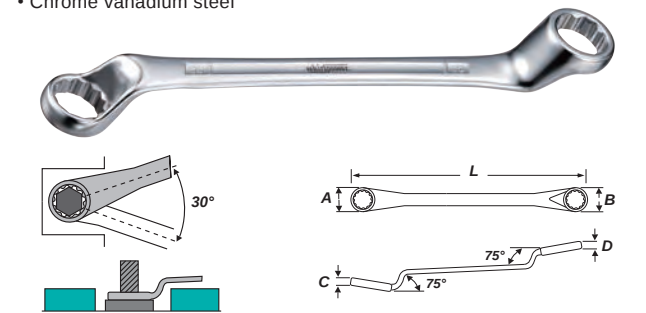
Size	L mm	g mm	Code
8	120	26	08
9	130	29	09
10	140	39	10
11	150	47	11
12	160	56	12
13	170	68	13
14	180	87	14
15	190	102	15
16	200	110	16
17	210	126	17
18	220	141	18
19	230	165	19

WRENCHES

1243-1

Double Ring Wrenches, 75° Offset Ring

- DIN 838, ISO 3318
- 12-point ring angled at 75°
- Chrome vanadium steel



Size	A mm	B mm	C mm	D mm	L mm	g mm	Code
6x7	10	12	6	6	168	40	0607
6x8	10	12	6	6	168	44	0608
8x9	13	15	7	7	183	59	0809
8x10	13	15	7	7	183	60	0810
10x11	16	18	8	9	198	87	1011
10x12	16	18	8	9	198	87	1012
11x13	19	20	9	10	217	121	1113
12x13	19	20	9	10	217	120	1213
12x14	19	20	9	10	217	130	1214
13x14	19	20	9	10	217	138	1314
13x15	22	23	10	10	239	145	1315
14x15	22	23	10	10	239	157	1415
14x17	22	26	10	11	260	204	1417
16x17	25	26	11	11	260	205	1617
17x19	28	29	11	12	292	259	1719
18x19	28	29	11	12	292	271	1819
19x21	31	34	12	13	318	335	1921
19x22	31	34	12	13	318	367	1922
20x22	31	34	12	13	318	359	2022
21x23	32	35	13	14	330	409	2123
22x24	32	35	13	14	330	425	2224
23x26	36	41	14	15	345	468	2326
24x26	36	41	14	15	345	518	2426
24x27	36	41	14	15	355	520	2427
25x28	39	42	14	15	365	552	2528
27x29	41	48	15	17	365	610	2729
27x30	41	48	15	17	365	645	2730
27x32	41	48	15	17	365	655	2732
30x32	45	49	16	17	370	675	3032

Double Ring Deep Offset Wrenches Set



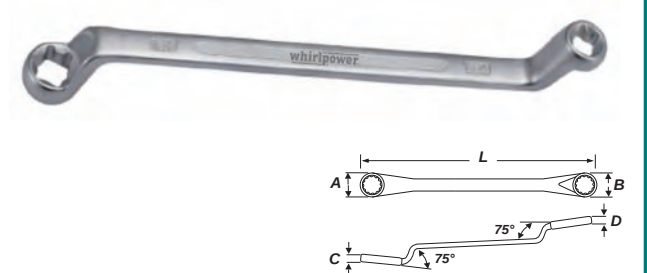
Code	Contents	g
A06	6x7, 8x9, 10x11, 12x13, 14x15, 16x17mm	790
B08	6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22mm	1420
C10	6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27mm	1420
D12	6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27, 25x28, 30x32mm	2360

Code	Contents	g
E06	10x11, 12x13, 14x15, 16x17, 18x19, 22x24mm	1322

1243-2

Double Ring Torks Wrenches, 75° Offset Ring

- DIN 838
- Ring deep offset 75°
- Chrome vanadium steel



Size	A mm	B mm	C mm	D mm	L mm	g mm	Code
E6xE8	10	12	5	6	147	32	0608
E7xE11	11	14	5	7	159	43	0711
E10xE12	13	15	5	6	175	50	1012
E14xE18	17	21	7	9	215	108	1418
E16xE22	20	27	8	11	234	157	1622
E20xE24	23	28	11	13	262	223	2024

Double Ring Torks Offset Wrenches Set



Code	Contents	g
A06	E6xE8, E7xE11, E10xE12, E14xE18, E16xE22, E20xE24	740

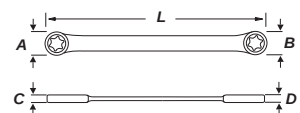


WRENCHES

1243-5

Double Ring Torks Wrenches, Straight

- DIN 837
- Chrome vanadium steel



Size	A mm	B mm	C mm	D mm	L mm	g g	Code
E6x8	9	11	5	6	110	22	0608
E7x11	10	14	5	6	125	30	0711
E10x12	14	16	6	7	140	42	1012
E14x18	17	22	8	11	180	88	1418
E16x22	19	26	9	12	200	119	1622
E20x24	25	29	11	13	224	165	2024

Flat Double Ring Torks Offset Wrenches Set



Code	Contents	g
A06	E6xE8, E7xE11, E10xE12, E14xE18, E16xE22, E20xE24	590

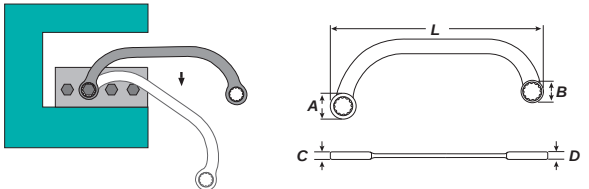


Code	Contents	g
B06	E6xE8, E7xE11, E10xE12, E14xE18, E16xE22, E20xE24	558

1243-7

Half-Moon Double Ring Wrenches

- ISO 3318
- 12-point ring
- Chrome vanadium steel



Size	A mm	B mm	C mm	D mm	L mm	g g	Code
8x9	13	16	7	7	138	43	0809
8x10	13	16	7	7	138	43	0810
10x12	17	17	8	8	143	64	1012
11x13	17	17	8	8	143	64	1113
12x14	20	23	9	9	166	98	1214
13x15	20	23	9	9	166	98	1315
14x16	22	24	9	10	188	146	1416
14x17	22	24	9	10	188	146	1417
15x17	22	24	9	10	188	146	1517
16x18	24	28	10	10	220	180	1618
17x19	24	28	10	10	220	180	1719
19x21	24	32	10	11	258	259	1921
20x22	24	32	10	11	258	259	2022

Half-Moon Double Ring Wrenches Set



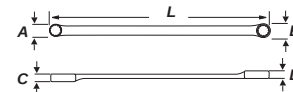
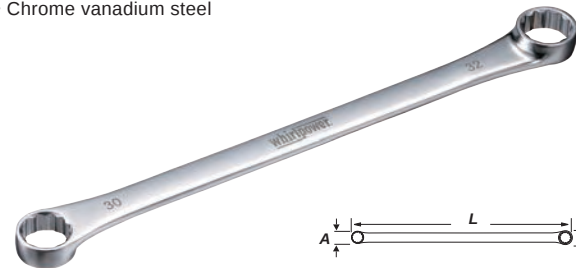
Code	Contents	g
A05	10x12, 11x13, 14x17, 16x18, 19x21mm	840

WRENCHES

1243-8

Extra Long Double Ring Wrenches, Straight

- Size from 8 to 32mm
- 12-point ring
- Chrome vanadium steel



Size	A mm	B mm	C mm	D mm	L mm	g g	Code
8x9	12	15	7	8	235	89	0809
8x10	12	15	7	8	235	89	0810
9x11	15	18	8	9	290	147	0911
10x11	15	18	8	9	290	147	1011
10x12	15	18	8	9	290	147	1012
11x13	18	21	10	11	328	203	1113
12x13	18	21	10	11	328	203	1213
12x14	18	21	10	11	328	203	1214
13x15	20	20	11	12	368	259	1315
14x15	20	20	11	12	368	259	1415
14x17	23	26	13	14	388	345	1417
16x17	23	26	13	14	388	345	1617
16x18	23	26	13	14	388	345	1618
17x19	26	28	14	15	408	427	1719
18x19	26	28	14	15	408	427	1819
19x21	29	32	15	16	415	498	1921
19x22	29	32	15	16	415	498	1922
20x22	29	32	15	16	415	498	2022
21x23	32	35	16	17	430	597	2123
22x24	32	35	16	17	430	597	2224
23x26	36	41	17	18	445	740	2326
24x27	36	41	17	18	445	740	2427
25x28	36	41	17	18	445	740	2528
29x32	44	46	18	19	460	879	2932
30x32	44	46	18	19	460	879	3032

Extra Long Double Ring Wrenches Set



Code	Contents	g
A03	10x11, 12x14, 13x15mm	720
B03	16x18, 17x19, 22x24mm	1490
C04	8x10, 10x12, 14x17, 17x19mm	1130
D05	8x10, 12x14, 13x15, 16x18, 17x19mm	1450



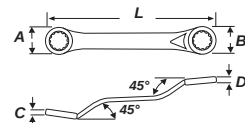
Code	Contents	g
E06	10x12, 12x14, 13x15, 14x17, 16x18, 17x19mm	1515

- Special size in addition to regular

1243-9

Double Ring Wrenches, 45° Offset Ring

- DIN838, ISO10104
- 12-point ring deep offset 45°
- Chrome vanadium steel



Size	A mm	B mm	C mm	D mm	L mm	g g	Code
6x7	10	12	6	6	165	38	0607
8x9	13	15	7	7	170	53	0809
8x10	13	15	7	7	170	53	0810
10x11	16	18	8	9	180	63	1011
10x12	16	18	8	9	180	63	1012
11x13	19	20	9	10	198	79	1113
12x13	19	20	9	10	206	108	1213
12x14	19	20	9	10	206	108	1214
14x15	22	23	10	10	232	132	1415
14x17	22	26	10	11	237	145	1417
16x17	25	26	11	11	237	145	1617
17x19	28	29	11	12	270	248	1719
18x19	28	29	11	12	270	248	1819
19x21	31	34	12	13	292	284	1921
20x22	31	34	12	13	292	284	2022
21x23	32	35	13	14	327	370	2123
22x24	32	35	13	14	327	370	2224
23x26	36	41	14	15	362	494	2326
24x26	36	41	14	15	362	494	2426
24x27	36	41	14	15	362	494	2427
25x28	39	42	14	15	372	574	2528
27x30	41	48	15	17	382	692	2730
27x32	41	48	15	17	382	692	2732
30x32	45	49	16	17	392	752	3032

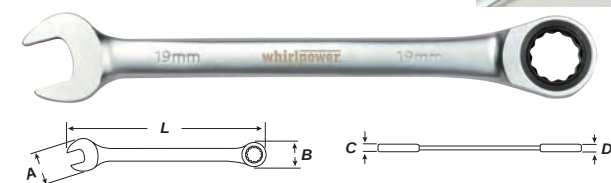


WRENCHES

1244-11

High Torque Ratchet Wrenches

- With 72 teeth and a working angle of 5°
- Chrome vanadium steel



Size	A mm	B mm	C mm	D mm	L mm	g	Code
6	16.73	17.1	4.7	7.7	134.4	38	06
7	16.73	17.1	4.7	7.74	134.4	38	07
8	16.73	17.1	4.7	7.7	134.4	38	08
9	21	21	5.5	7.7	158.5	60	09
10	21	21	5.5	7.7	158.5	60	10
11	23	22.6	6	9	164.6	68	11
12	25	23.8	6.2	9	167.65	84	12
13	27.5	24.9	6	9	177.4	94	13
14	29	27.6	7	9.1	189.8	104	14
15	31.5	28.1	7.2	10.7	198.4	130	15
16	33	29.9	7.5	10.7	205.4	148	16
17	35.3	31.9	8	10.7	224.4	189	17
18	36.5	33.4	8.6	11	235.4	224	18
19	38.9	35.4	8.8	11	246.9	234	19
20	45.7	42.6	9.5	13	280	397	20
21	45.7	42.6	9.5	13	280	382	21
22	45.7	42.6	9.5	13	280	382	22
23	51.7	46.5	10	13.5	310	520	23
24	51.7	46.5	10	13.5	310	520	24
25	51.7	46.5	10	13.5	310	520	25
26	51.7	46.5	10	13.5	310	520	26
27	56	51	11	15.1	330	588	27
30	65.5	64	12.5	18	425	1174	30
32	65.5	64	12.5	18	425	1174	32
33	73	69	15	20	460	1432	33
34	73	69	15	20	460	1374	34
35	73	69	15	20	460	1401	35
36	77	74	16	21	490	1726	36
38	77	74	16	21	490	1632	38
40	83	80	17	22	535	1880	40
41	83	80	17	22	535	1880	41
45	93	91	18	24	600	2748	45
46	93	91	18	24	600	2740	46
48	95	96	23	25	640	3833	48
50	95	96	23	25	640	3829	50

High Torque Ratchet Wrenches Set

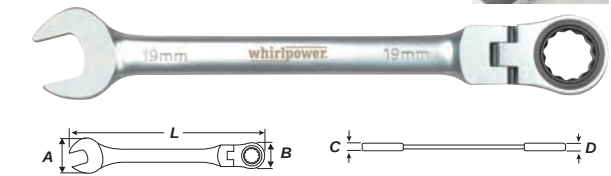


Code	Contents	g
• A05	10, 12, 14, 17, 19mm	790
B07	10, 11, 12, 13, 14, 17, 19mm	850

1244-13

Flexible Ratchet Wrenches

- 180° swivel head
- With 72 teeth and a working angle of 5°
- Chrome vanadium steel



Size	A mm	B mm	C mm	D mm	L mm	g	Code
6	17.5	17.4	4.5	7.7	135.2	50	06
7	17.5	17.4	4.5	7.7	135.2	49	07
8	17.5	17.4	4.5	7.7	135.2	51	08
9	21	20.9	5.8	7.7	158	70	09
10	21	20.9	5.8	7.7	158	70	10
11	25.1	23.4	6.2	9	174.4	98	11
12	25.1	23.4	6.2	9	174.4	97	12
13	27.5	24.9	6	9	185	113	13
14	29.5	27.4	6.5	9.1	193	132	14
15	33.5	30.4	7.5	10.7	215.6	188	15
16	33.5	30.4	7.5	10.7	215.6	182	16
17	35	31.9	8	10.7	231	216	17
18	39	33.9	8.5	11	249	272	18
19	39	33.9	8.5	11	249	270	19
20	45.7	42.6	9.5	13	280	458	20
21	45.7	42.6	9.5	13	280	447	21
22	45.7	42.6	9.5	13	280	450	22
23	51.7	46.5	10	13.5	310	550	23
24	51.7	46.5	10	13.5	310	546	24
25	51.7	46.5	10	13.5	310	536	25
26	51.7	46.5	10	13.5	310	520	26

Flexible Ratchet Wrenches Set

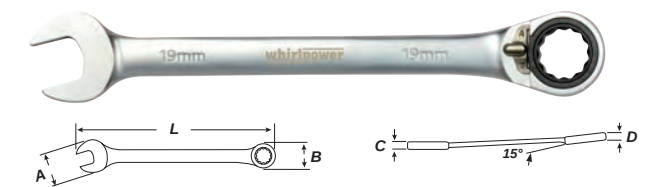


Code	Contents	g
• A05	10, 12, 14, 17, 19mm	790
B07	10, 11, 12, 13, 14, 17, 19mm	950

1244-14

Reversible Ratchet Wrenches, 15° Offset Ring

- With 72 teeth and a working angle of 5°
- Open and angled at 15°
- Chrome vanadium steel



Size	A mm	B mm	C mm	D mm	L mm	g	Code
6	16.7	17.1	4.7	7.7	134	35	06
7	16.7	17.1	4.7	7.7	134	35	07
8	16.7	17.1	4.7	7.7	134	36	08
9	21	21	5.5	7.7	158	57	09
10	21	21	5.5	7.7	158	62	10
11	23	22.6	6	9	164	66	11
12	25	23.8	6.2	9	167	82	12
13	27.5	24.9	6	9	177	95	13
14	29	27.6	7	9.1	189.8	109	14
15	31.5	28.1	7.2	10.7	198	138	15
16	33	29.9	7.5	10.7	204	155	16
17	35.5	31.9	8	10.7	224	180	17
18	36.5	33.4	8.6	11	235.4	225	18
19	38.9	35.4	8.8	11	246.9	222	19
20	45.7	42.6	9.5	13	280	399	20
21	45.7	42.6	9.5	13	280	380	21
22	45.7	42.6	9.5	13	280	370	22
23	51.7	46.5	10	13.5	310	487	23
24	51.7	46.5	10	13.5	310	500	24
25	51.7	46.5	10	13.5	310	465	25
26	51.7	46.5	10	13.5	310	478	26
27	56	51.0	11	15.1	330	607	27
30	65.5	64	12.5	18	425	1147	30
32	65.5	64	12.5	18	425	1110	32

WRENCHES

1244-31

Double Socket Ratchet Wrenches, Straight

- Reversible switch
- Chrome vanadium steel

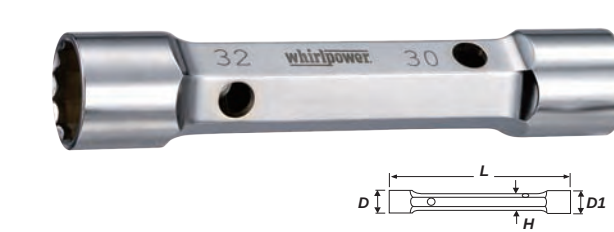


Size	A mm	D mm	D1 mm	L mm	g	Code
10x12	37	11	13	240	200	1012
10x13	37	11	15	240	200	1013
10x14	37	11	16	240	200	1014
12x14	37	13	16	240	200	1214
13x15	45	17	17	280	270	1315
13x17	45	28	28	280	270	1317
14x15	45	17	17	280	270	1415
14x17	45	15	20	280	450	1417
16x18	50	20	22	315	450	1618
17x19	50	20	22	315	450	1719
17x21	50	20	24	315	450	1721
18x24	50	20	25	315	450	1824
19x21	50	21	24	315	450	1921
19x22	50	21	25	315	450	1922
19x23	50	24	26	360	450	1923
19x24	50	24	26	360	450	1924
21x23	56	24	30	360	750	2123
21x24	50	21	16	315	750	2124
21x26	56	24	30	360	750	2126
21x27	56	31	31	360	750	2127
22x24	56	27	27	360	750	2224
22x27	56	31	31	360	750	2227
23x26	56	30	30	360	750	2326
24x27	56	31	31	360	750	2427
24x30	63	33	33	450	750	2430
26x29	63	33	33	450	1200	2629
26x32	63	21	21	450	1200	2632
27x30	63	34	34	450	1200	2730
27x32	63	34	34	450	1200	2732
30x32	63	37	37	450	1200	3032
30x33	67	37	37	450	1200	3033
32x34	67	34	37	450	1200	3234
32x35	67	37	41	450	1200	3235
32x36	67	37	41	450	1200	3236
36x38	67	41	44	450	1200	3638
36x41	67	41	47	450	1200	3641
36x46	74	41	53	500	1800	3646
36x50	74	41	57	500	1800	3650
38x41	67	46	47	450	1800	3841
38x50	74	44	57	500	1800	3850
41x46	74	50	53	500	1800	4146
41x50	74	47	57	500	1800	4150
41x55	74	47	64	500	1800	4155
46x55	74	53	64	500	1800	4655
50x55	74	58	64	500	1800	5055

1244-41

Double Ended Tubular Socket Wrenches

- DIN 896, ISO2236
- 12-point socket hexagon
- Chrome vanadium steel



Size	D mm	D1 mm	H mm	L mm	g	Code
6x7	10	11	8	105	27	0607
8x9	12	13	8	110	43	0809
10x11	15	16	10	120	63	1011
12x13	18	20	12	142	96	1213
14x15	19	22	15	145	132	1415
16x17	23	24	15	157	155	1617
18x19	25	26	18	165	187	1819
20x22	28	29	19	170	275	2022
21x23	28	30	20	185	310	2123
24x26	33	35	23	190	365	2426
25x28	33	36	24	206	410	2528
27x29	36	38	26	208	540	2729
30x32	40	41	29	210	610	3032

Stepped Tommy Bar

Ø1	Ø2	Ø3	L mm	g	Code
2.6	4.9	-	100	14	100
5.8	6.9	9.2	170	79	170
11.6	12.6	-	290	276	290

Double Ended Tubular Socket Wrenches Set



Code	Series	Contents	g
• A07	1244-41	8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22mm	1080
	1248-8	Stepped Tommy Bar Ø2.6x4.9, Ø5.8x6.9x9.2	
B08	1244-41	6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22mm	1100
	1248-8	Stepped Tommy Bar Ø2.6x4.9, Ø5.8x6.9x9.2	
• C13	1244-41	6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x26, 25x28, 27x29, 30x32mm	3350
	1248-8	Stepped Tommy Bar Ø2.6x4.9, Ø5.8x6.9x9.2, Ø11.6x12.6	

- Special size in addition to regular

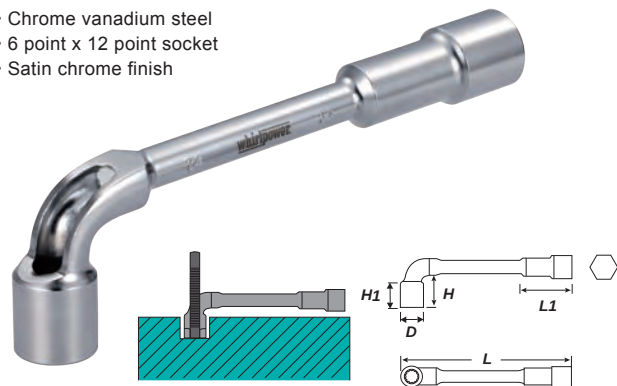


WRENCHES

1244-42

Double Ended Angled Socket Wrenches

- Chrome vanadium steel
- 6 point x 12 point socket
- Satin chrome finish



Size	D mm	H mm	H1 mm	L mm	L1 mm	g	Code
6	10.0	16	11	102	26	46	06
7	11.0	22	14	106	28	57	07
8	12.5	18	12	114	30	65	08
9	13.5	19	13	122	32	86	09
10	15.0	23	17	129	35	108	10
11	16.5	23	17	136	36	133	11
12	18.0	27	18	144	41	158	12
13	19.5	27	19	152	43	181	13
14	21.0	31	20	160	47	229	14
15	22.5	31	21	169	49	254	15
16	24.0	33	23	178	55	354	16
17	25.5	35	24	187	56	349	17
18	26.5	38	25	195	58	407	18
19	28.0	40	26	204	62	449	19
20	29.5	40	27	212	63	513	20
21	30.5	43	29	221	64	556	21
22	32.0	44	30	230	67	658	22
23	33.5	46	31	240	74	764	23
24	34.5	46	32	250	79	832	24
27	38.0	54	35	280	84	1243	27
30	42.0	59	36	310	93	1565	30
32	44.5	53	34	330	83	1730	32

Double Ended Angled Socket Wrenches Set

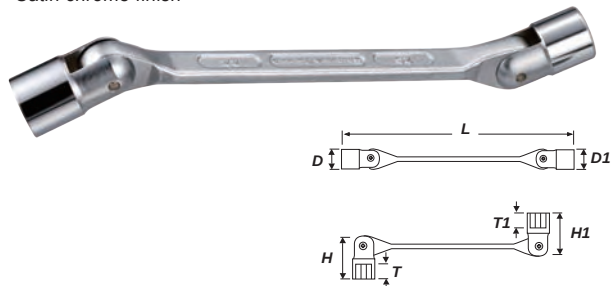


Code	Contents	g
A08	8, 10, 11, 12, 13, 14, 17, 19mm	1800
B12	8, 10, 11, 12, 13, 14, 16, 17, 18, 19, 22, 24mm	3740
• C16	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24mm	6320
• D22	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32mm	10900

1244-43

Double Hinged Socket Wrenches

- DIN 899, ISO1711-1
- Chrome vanadium steel
- 12 point
- Satin chrome finish



Size	D mm	D1 mm	H mm	H1 mm	L mm	T mm	T1 mm	g	Code
6x7	10	11	28	28	185	7	7	79	0607
8x9	12	12	28	28	188	7	7	84	0809
10x11	14	15	30	30	203	8	8	120	1011
12x13	18	18	34	34	220	10	10	155	1213
14x15	20	20	38	38	242	11	11	250	1415
16x17	22	23	42	42	257	12	12	325	1617
18x19	25	25	45	45	277	13	13	406	1819
20x22	27	30	51	56	300	18	20	565	2022
21x23	27	32	55	59	307	18	20	580	2123

Double Hinged Socket Wrenches Set



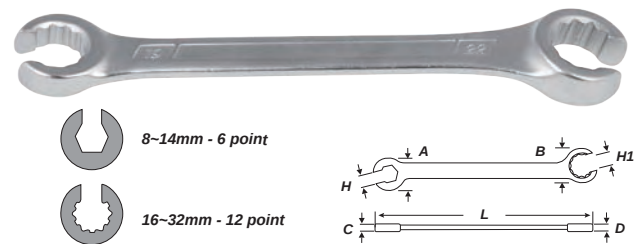
Code	Contents	g
A06	8x9, 10x11, 12x13, 14x15, 16x17, 18x19mm	1460
• B07	8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22mm	2030
• Special size in addition to regular		

WRENCHES

1245-51

Flare Nut Wrenches

- DIN 3118
- Chrome vanadium steel
- Open end angled at 15°
- Satin chrome finish



Size	A mm	B mm	C mm	D mm	H mm	H1 mm	L mm	g	Code
8x9	18	20	7	8	6	6	130	51	0809
8x10	18	20	7	8	6	7	130	51	0810
9x11	20	22	8	9	6	8	150	66	0911
10x11	20	22	8	9	7	8	150	66	1011
10x12	20	22	8	9	7	9	150	66	1012
11x13	22	26	9	11	8	10	165	90	1113
12x13	22	26	9	11	9	10	165	90	1213
12x14	25	27	10	12	9	11	175	125	1214
13x14	25	27	10	12	10	11	175	125	1314
14x17	27	31	12	13	11	14	190	154	1417
16x17	27	31	12	13	13	14	190	154	1617
17x19	31	34	13	14	14	15	210	188	1719
18x19	31	34	13	14	14	15	210	188	1819
19x22	34	40	14	16	15	17	230	237	1922
20x22	34	40	14	16	16	17	230	237	2022
21x23	40	44	16	17	16	17	250	292	2123
22x24	40	44	16	17	17	18	250	292	2224
24x27	44	47	17	18	18	20	270	379	2427
25x28	44	47	17	18	18	20	270	379	2528
26x29	44	47	17	18	20	22	270	379	2629
30x32	50	52	21	23	22	24	290	507	3032

Flare Nut Wrenches Set

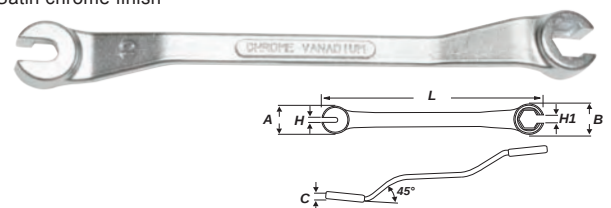


Code	Contents	g
A06	8x10, 10x12, 11x13, 12x14, 17x19, 19x22mm	800
• B10	8x10, 9x11, 10x12, 11x13, 12x14, 17x19, 19x22, 22x24, 24x27, 30x32mm	1980

1245-52

Single Flare Nut Wrenches, 45° Offset Ring

- Chrome vanadium steel
- Satin chrome finish



Size	A mm	B mm	C mm	D mm	H mm	H1 mm	L mm	g	Code
10x11	18	20	11	11	5	7	175	81	1011
10x12	18	20	11	11	5	7	175	82	1012

- Special size in addition to regular

1246-1

Striking Wrenches

- DIN 133
- Chrome vanadium steel
- Phosphate sunk finish



Size	A mm	B mm	C mm	D mm	L mm	L1 mm	kg	Code
24	42	14	24	7	162	93	0.2	24
27	45	15	24	8	180	107	0.3	27
30	50	16	29	9	190	107	0.5	30
32	53	16	31	10	190	105	0.5	32
36	58	17	35	10	205	107	0.7	36
38	63	19	36	12	229	130	0.9	38
41	63	19	37	11	230	129	0.9	41
46	73	21	43	12	240	130	1.3	46
50	78	23	46	13	255	134	1.5	50
55	84	24	48	15	266	138	2.0	55
60	91	26	51	17	280	143	2.5	60
65	100	27	53	16	297	146	3.3	65
70	109	32	61	19	328	157	4.3	70
75	110	32	61	20	328	157	4.7	75
80	129	37	82	23	353	163	5.5	80
90	144	38	73	21	390	157	7.0	90
100	154	42	78	23	420	167	10.5	100
110	163	46	85	30	450	182	13.2	110
115	168	50	84	32	454	183	13.2	115
125	192	55	91	31	480	180	13.7	125

1246-2

Heavy Duty Open-End Wrenches

- DIN 133
- Chrome vanadium steel
- Phosphate sunk finish



Size	A mm	B mm	L mm	kg	Code
17	43	8	178	0.1	17
19	43	8	178	0.1	19
21	20	9	203	0.2	21
22	20	9	203	0.2	22
23	50	10	220	0.2	23
24	50	10	220	0.2	24
26	59	11	240	0.3	26
27	59	11	240	0.3	27
29	65	12	267	0.3	29
30	68	12	272	0.3	30
32	71	12	285	0.4	32
35	78	14	317	0.5	35
36	78	14	317	0.6	36
38	84	14	320	0.7	38
41	88	17	340	0.9	41
46	96	17	395	1.0	46
50	103	19	425	1.4	50
55	105	20	425	1.4	55
60	132	22	470	2.5	60
65	132	22	470	2.5	65
70	152	25	500	3.4	70
75	153	25	500	3.4	75

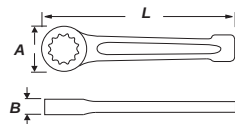


WRENCHES

1247-1

Thin-Wall Striking Ring Wrenches

- DIN 7444
- Chrome vanadium steel
- Phosphate sunk finish

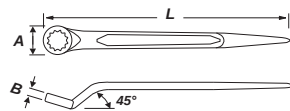


Size	A mm	B mm	L mm	kg	Code
24	44	14	163	0.3	24
27	46	16	180	0.3	27
30	51	17	190	0.4	30
32	54	17	190	0.5	32
36	58	18	205	0.5	36
41	65	20	230	0.7	41
46	73	20	240	0.9	46
50	78	22	253	1.1	50
55	85	24	266	1.3	55
60	92	25	280	1.6	60
65	102	26	300	1.9	65
70	110	30	330	2.9	70
75	110	33	330	2.9	75
80	124	34	350	3.4	80
85	130	36	355	4.1	85
90	142	39	390	5.2	90
95	142	39	390	5.2	95
100	155	43	420	6.7	100
105	155	43	420	6.7	105
110	168	45	450	9.6	110
115	168	45	450	9.6	115
120	182	50	480	10.5	120
125	182	50	480	11.0	125
130	194	57	510	13.5	130
135	194	57	510	13.5	135
140	205	58	520	14.3	140
145	215	58	565	14.5	145
150	215	58	565	15.0	150
155	224	60	585	17.0	155
160	224	60	585	17.0	160
165	265	64	645	25.0	165
170	265	64	645	25.0	170
175	265	64	645	25.0	175
180	265	64	645	25.0	180

1247-2

Single Ring Wrenches, 45° Offset Ring

- Chrome vanadium steel
- Phosphate sunk Finish



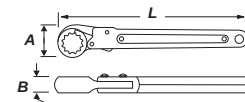
Size	A mm	B mm	L mm	kg	Code
17	33	11	335	0.3	17
19	33	11	335	0.4	19
21	34	12	354	0.5	21
22	34	12	354	0.5	22
23	34	12	354	0.7	23
24	39	13	388	0.9	24
26	39	13	388	0.9	26
27	43	14	406	1.3	27
29	43	14	406	1.5	29
30	48	14	414	2.0	30
32	48	14	414	2.5	32
35	54	18	476	3.3	35
36	54	18	476	4.3	36
38	54	18	476	4.7	38
41	68	24	532	5.5	41
46	68	24	532	7.0	46
50	73	24	553	10.5	50
55	89	25	610	13.0	55
58	89	25	610	13.0	58
60	89	25	610	13.7	60

WRENCHES

1248-1

Ratchet Flare Nut Wrenches

- Suitable for pipes of automotive, construction, air condition and refrigeration
- Satin chrome finish
- Alloy steel



Size	A mm	B mm	L mm	g	Code
10	10	31	155	82	10
11	11	31	155	83	11
12	12	31	155	85	12
13	13	32	155	90	13
14	14	32	155	90	14
17	17	35	210	148	17
19	19	37	210	156	19
22	22	40	210	270	22
24	24	41	219	610	24
27	27	49	315	610	27
32	32	53	319	610	32

Ratchet Flare Nut Wrenches Set



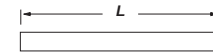
Code	Contents	g
• A05	12, 13, 14, 17, 19mm	690
B06	10, 11, 13, 17, 19, 22mm	950

- Special size in addition to regular

1248-3

Tubular Handle

- Chrome vanadium steel
- Phosphate sunk finish

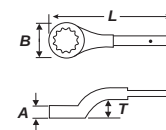


Size	L mm	g	Code
32	350	960	350
32	580	1600	580
32	850	2300	850

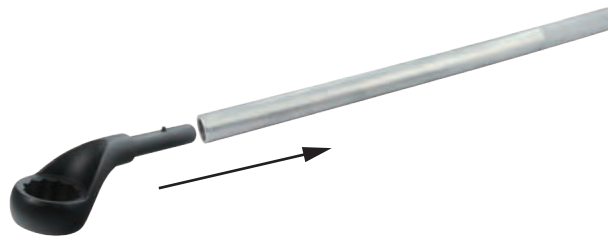
1248-4

Heavy Duty Ring Wrenches, 45° Offset Ring

- Chrome Vanadium Steel
- Phosphate Sunk Finish



Size	A mm	B mm	L mm	T mm	kg	Code
36	24	60	215	33	1.0	36
38	24	60	215	33	1.0	38
41	29	70	230	40	1.3	41
43	29	70	230	40	1.3	43
46	34	80	260	40	1.9	46
50	35	80	260	40	1.9	50
55	36	90	280	43	2.1	55
60	36	96	290	48	2.3	60
65	46	110	300	56	3.5	65
70	46	110	300	56	3.5	70
75	50	128	320	59	4.5	75
80	50	128	320	59	4.8	80
85	57	153	350	66	7.2	85
90	57	153	350	66	7.2	90
95	67	165	380	76	9.0	95
100	67	165	380	76	9.0	100
105	67	173	380	76	9.3	105

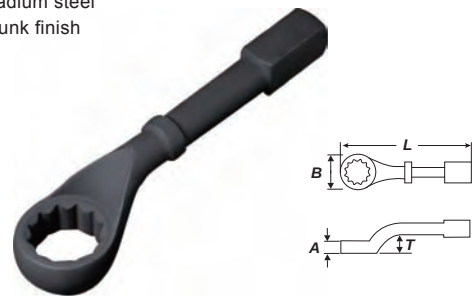


WRENCHES

1248-5

Striking Ring Wrenches, 45° Offset Ring

- Chrome vanadium steel
- Phosphate sunk finish



Size	A mm	B mm	L mm	T mm	kg	Code
36	26	60	300	33	1.8	36
38	26	60	300	33	1.8	38
41	29	70	317	40	2.6	41
43	29	70	317	40	2.6	43
46	34	80	360	40	3.4	46
50	35	80	360	40	3.4	50
55	36	90	360	43	3.4	55
60	36	96	360	48	3.6	60
65	48	110	380	56	5.5	65
70	48	110	380	56	7.9	70
75	50	128	420	59	7.9	75
80	50	128	420	59	7.9	80
85	57	153	450	66	8.0	85
90	57	153	450	66	11.0	90
95	67	165	500	76	14.0	95
100	67	165	500	76	14.0	100
105	67	173	520	76	14.2	105
110	67	173	520	76	14.2	110
115	67	173	520	76	14.2	115

1248-7

Specialist Series Adjustable Wrenches

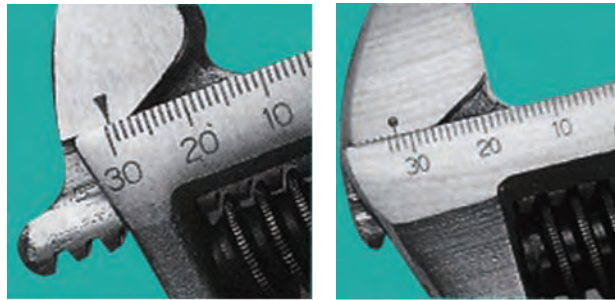
- DIN 3117
- Chrome vanadium steel
- Phosphate finish



Size	A(max) mm	L mm	g	Code
4"	13	105	50	105
6"	20	155	120	155
8"	24	203	240	203
10"	29	250	410	250
12"	34	300	630	300
15"	43	375	1180	375
18"	53	450	1900	450



- Measuring scale assist you to find demand size speedly
- Wider Jaw Opening (up to 18-25% wider) increases useful range of fastener sizes.



A. Normal

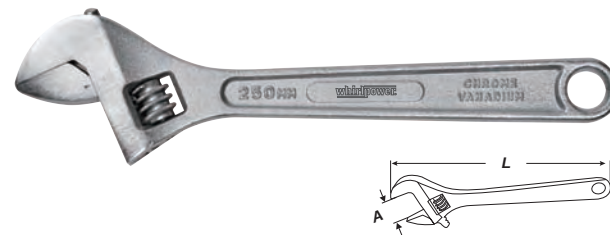
B. Whirlpower

- Non-Protruding on the movable jaw end. This allows a greater ease of use in tight spaces.

1249-2

Specialist Series Adjustable Wrenches

- DIN 3117
- Chrome vanadium steel
- Chrome finish



Size	A(max) mm	L mm	g	Code
4"	13	105	50	105
6"	20	155	120	155
8"	24	203	240	203
10"	29	250	410	250
12"	34	300	630	300
15"	43	375	1180	375
18"	53	450	1900	450

1249-3

Adjustable Wrench

- The material of handle is made of TPR material
- 18% - 25% wider jaw opening increases useful range of fastener sizes



Size	A(max) mm	L mm	g	Code
4"	17	100	90	100
6"	24	150	140	150
8"	28	200	260	200
10"	33	250	423	250
12"	38	300	765	300
15"	51	375	1191	375

MULTI-FUNCTIONAL BANLIN WRENCHES (PAT.)



Multi-functional
ONE WRENCH CAN DO IT ALL!

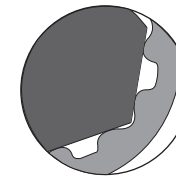


Toughness
More than multifunctional,
+70% higher torque strength than
DIN standard.

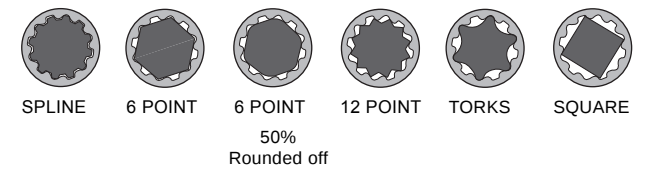
HIGH TORQUE WITH NO DAMAGE

These multi-lock and perfect fit wrenches and sockets are the latest in auto-repair innovative tools which can be used on all types of nuts and bolts. Whirlpower's BANLIN design allows applications of high torque without damaging the fastner.

The round angled profiles provide increased resistance and protect the nuts against caulking. The bolts' point of contact are evenly distributed onto larger surface areas during application, thus distributing pressure instead of connecting to several sharp points. This results in torque distribution which limits damage to the bolt. This tool can still provide sufficient torque even when the nut is damaged beyond 50% of its original condition.



- Both, BANLIN sockets and wrenches, exert over 50% more torque than DIN standard requirements.
- Additional Imperial and metric dimensions marked onto the tool, for additional distribution and reading convenience.
- This BANLIN design has been patented worldwide.
- If these tools are used, both the tools and the bolts/nuts will have 50% longer lives than traditional tools used.



ONE FOR ALL ALL IN ONE

SIZE	6	7	8	9	10	11	12	13	14	15	16	17	18
Metric	6mm	7mm	8mm	9mm	10mm	11mm	12mm	13mm	14mm	15mm	16mm	17mm	18mm
Inch		9/32"	5/16"	11/32"	3/8"	7/16"	15/32"	1/2"	9/16"	19/32"	5/8"	21/32"	11/16"
E(torx)	E8		E10	E11	E12	E14		E16	E18		E20		E22
SIZE	19	20	21	22	23	24	25	26	27	28	29	30	32
Metric	19mm	20mm	21mm	22mm	23mm	24mm	25mm	26mm	27mm	28mm	29mm	30mm	32mm
Inch	3/4"	25/32"	13/16"	7/8"	29/32"	15/16"	31/32"	1"	1-1/16"	1-3/32"	1-1/8"	1-3/16"	1-1/4"
E(torx)	E24		E26	E28	E28	E30	E32	E32	E34	E36	E36	E38	E40