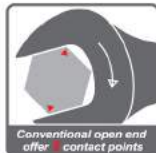
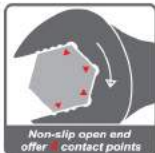


GEARTECH® COMBINATION WRENCH

- Made by heat-treated **Chrome Vanadium Steel** for strength exceeding international specifications.
- Professional plating prevents wrenches from corrosion.
- **72 teeth** needs as little as 5° to move fasteners while a regular wrench needs 30° of sweep space.
- Specially designed for working on automotive engine and confined space.
- Small head profile.
- Superior life-time test.



Specially designed open end gets better nut friction and minimizes slippage.



GEARTECH® COMBINATION WRENCH

MEETS OR EXCEEDS
A.N.S.I.
STANDARDS



GT4V

Material | Chrome Vanadium Steel
Surface | Mirror / Matt / Micro Satin / Color Electro-deposition Finish
Feature | Flat Offset Ratchet Head
12 Point Ratchet Ring
Regular / Non-slip Open End



Ratchet head allows wrench to travel without removing from fastener.



5° space requirement for each turn.

Size (inch)	Wt. (g)	L (mm)	Size (inch)	Wt. (g)	L (mm)	Size (mm)	Wt. (g)	L (mm)	Size (mm)	Wt. (g)	L (mm)
1/4	36	136	1-5/16	-	425	6	36	136	22	340	285
5/16	34	136	1-3/8	-	482	7	36	136	23	330	285
3/8	54	160	1-7/16	1450	482	8	35	136	24	470	325
7/16	70	168	1-1/2	-	482	9	40	143	25	460	325
1/2	91	180	1-5/8	-	550	10	55	160	26	-	325
9/16	120	193	1-13/16	-	640	11	72	168	27	580	359
5/8	157	216	1-7/8	-	640	12	79	174	28	-	359
11/16	183	233	2	-	640	13	93	180	30	940	425
3/4	220	250				14	120	193	32	900	425
13/16	350	286				15	134	200	34	1470	482
7/8	345	286				16	153	216	36	1460	482
15/16	485	325				17	188	233	38	-	482
1"	470	325				18	199	239	41	1985	550
1-1/16	610	359				19	238	250	46	-	640
1-1/8	985	425				20	360	285	50	3085	640
1-1/4	950	425				21	350	285			

GEARTECH® SPLINE BOX END WRENCH

- Made by heat-treated **Chrome Vanadium Steel** for strength exceeding international specifications.
- Professional plating prevents wrenches from corrosion.
- **72 teeth** needs as little as 5° to move fasteners while a regular wrench needs 30° of sweep space.
- **Spline ratchet ring** works on all fastener types.
- Specially designed for working on automotive engine and confined space.
- Small head profile.
- Superior life-time test.



Ratchet head allows wrench to travel without removing from fastener.



5° space requirement for each turn.



GEARTECH® SPLINE BOX END WRENCH



Material | Chrome Vanadium Steel
Surface | Mirror / Matt / Micro Satin / Color Electro-deposition Finish
Feature | Flat Offset Ratchet Head
Spline Ratchet Ring
Regular / Non-slip Open End

GT4SPV

Size (inch/star)	Wt. (g)	L (mm)	Size (mm/star)	Wt. (g)	L (mm)
5/16 E10	35	136	8 E10	35	136
3/8 E12	54	160	9 -	40	143
7/16 E14	66	168	10 E12	54	160
1/2 E16	95	180	11 E14	66	168
9/16 E18	119	193	12 -	82	174
5/8 E20	151	216	13 E16	95	180
11/16 E22	188	233	14 E18	119	193
3/4 E24	218	250	15 -	138	200
13/16 -	350	285	16 E20	151	216
7/8 E28	345	285	17 E22	188	233
			18 -	197	239
			19 E24	218	250
			21 -	350	285
			22 E28	340	285

COMPARATIVE TABLE

AVAILABLE SIZES OF DIFFERENT FASTENERS

- Spline ratchet ring works on all fastener types.



Size (mm/inch)	Size (mm/inch)	Size (mm)	Size (star)
8 5/16	7 9/32	8 E10	-
9 11/32	8 5/16	9 -	-
10 3/8	- 11/32	10 E12	-
11 7/16	9 3/8	11 E14	-
12 15/32	10 13/32	12 -	-
13 1/2	11 7/16	13 E16	-
14 9/16	12 15/32	14 E18	-
15 19/32	- 1/2	15 -	-
16 5/8	13 17/32	16 E20	-
17 11/16	14 9/16	17 E22	-
18 -	15 19/32	18 -	-
19 3/4	16 5/8	19 E24	-
21 13/16	18 11/16	21 -	-
22 7/8	19 3/4	22 E28	-

GEARTECH® METRIC & INCH COMBINATION WRENCH

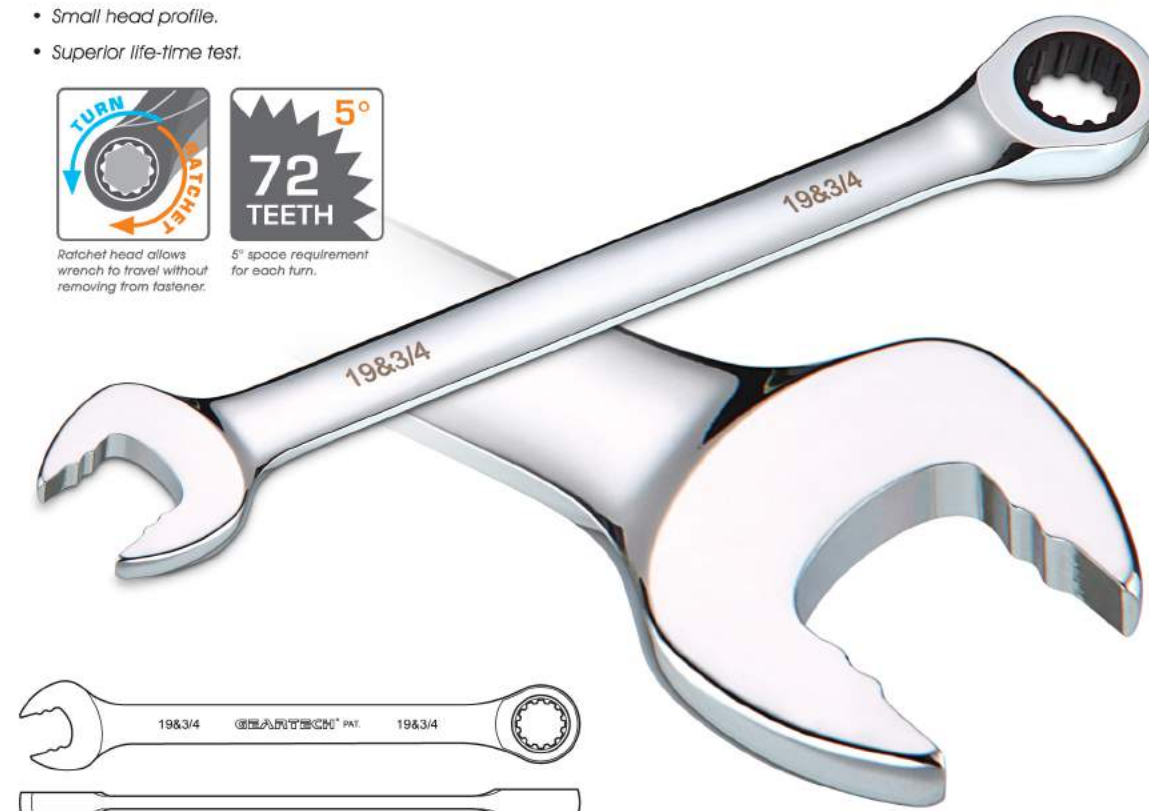
- Made by heat-treated **Chrome Vanadium Steel** for strength exceeding international specifications.
- Professional plating prevents wrenches from corrosion.
- **72 teeth** needs as little as 5° to move fasteners while a regular wrench needs 30° of sweep space.
- One wrench fits **Metric & Inch** Sizes - double the value of the wrench.
- Specially designed for working on automotive engine and confined space.
- Small head profile.
- Superior life-time test.



Ratchet head allows wrench to travel without removing from fastener.



5° space requirement for each turn.



GEARTECH® METRIC & INCH COMBINATION WRENCH



Material | Chrome Vanadium Steel
Surface | Mirror / Matt / Micro Satin / Color Electro-deposition Finish
Feature | Flat Offset Ratchet Head
Spline Ratchet Ring
Metric & Inch Open End

GT4SPSMV

Size (inch/mm)	Wt. (g)	L (mm)
5/16 8	-	136
3/8 10	-	160
7/16 11	-	168
1/2 13	-	180
9/16 14	-	193
5/8 16	-	216
11/16 17	-	233
3/4 19	-	250
13/16 21	-	285
7/8 22	-	285



INCH

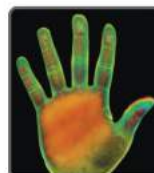


METRIC

Each open end fits Metric & Inch Sizes.

ERGONOMIC GEARTECH® COMBINATION WRENCH

- Made by heat-treated **Chrome Vanadium Steel** for strength exceeding international specifications.
- Professional plating prevents wrenches from corrosion.
- **72 teeth** needs as little as 5° to move fasteners while a regular wrench needs 30° of sweep space.
- Whole piece wrench is forged along with patented **Ergonomic Handle** to reduce the user fatigue.
- Specially designed for working on automotive engine and confined space.
- Small head profile.
- Superior life-time test.



Heat spectrum diagram after using ergonomic wrench for two hours.



Heat spectrum diagram after using regular wrench for two hours.



Speedy open end allows wrench to travel without removing from fastener.



Ratchet head allows wrench to travel without removing from fastener.



5° space requirement for each turn.



ERGONOMIC GEARTECH® COMBINATION WRENCH

MADE TO EXCEED
A.N.S.I.
STANDARDS



GT4TPV

Material | Chrome Vanadium Steel
Surface | Mirror / Matt / Micro Satin / Color Electro-deposition Finish
Feature | Flat Offset Ratchet Head
12 Point / Spline Ratchet Ring
Regular / Non-slip Open End
Colorful TPR Ergonomic Handle

Size (inch)	Wt. (g)	L (mm)	Size (mm)	Wt. (g)	L (mm)
1/4	38	136	6	38	136
5/16	38	136	7	38	136
3/8	60	160	8	38	136
7/16	76	168	9	46	143
1/2	99	180	10	60	160
9/16	132	193	11	76	168
5/8	162	216	12	87	174
11/16	213	233	13	99	180
3/4	243	250	14	132	193
			15	145	200
			16	162	216
			17	213	233
			18	210	239
			19	243	250



ERGONOMIC GEARTECH® SPEEDY OPEN END WRENCH



GT4TPQ2V

Material | Chrome Vanadium Steel
Surface | Mirror / Matt / Micro Satin / Color Electro-deposition Finish
Feature | Flat Offset Ratchet Head
12 Point / Spline Ratchet Ring
Speedy Open End
Colorful TPR Ergonomic Handle

Size (inch)	Wt. (g)	L (mm)	Size (mm)	Wt. (g)	L (mm)
5/16	38	136	8	38	136
3/8	63	160	9	46	143
7/16	76	168	10	63	160
1/2	104	180	11	76	168
9/16	134	193	12	85	174
5/8	167	216	13	104	180
11/16	216	233	14	134	193
3/4	245	250	15	143	200
			16	167	216
			17	216	233
			18	210	239
			19	245	250

GEARTECH® TWIST COMBINATION WRENCH

- Made by heat-treated **Chrome Vanadium Steel** for strength exceeding international specifications.
- Professional plating prevents wrenches from corrosion.
- **72 teeth** needs as little as 5° to move fasteners while a regular wrench needs 30° of sweep space.
- When performing the ratchet actions, the grip of twisting wrench allows more contact area of the palm, bearing less stress for the user.
- Specially designed for working on automotive engine and confined space.
- Small head profile.
- Superior life-time test.



Ratchet head allows wrench to travel without removing from fastener.

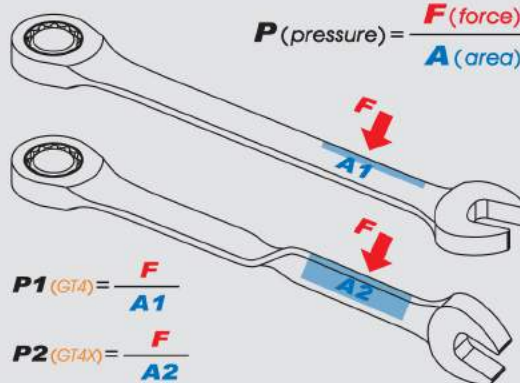


5° space requirement for each turn.

FUNCTION INTRODUCTION
TWISTED PANEL

- When performing the ratchet actions, the grip of twisting wrench allows more contact area of the palm, bearing less stress for the user.

$$P(\text{pressure}) = \frac{F(\text{force})}{A(\text{area})}$$



$$P1(GT4) = \frac{F}{A1}$$

$$P2(GT4X) = \frac{F}{A2}$$

$$F = P1(GT4) \times A1 \quad F = P2(GT4X) \times A2$$

$$P1(GT4) \times A1 = P2(GT4X) \times A2$$

$$A1 < A2 \Rightarrow P1(GT4) < P2(GT4X)$$

GEARTECH®
TWIST COMBINATION WRENCH

Material | Chrome Vanadium Steel
Surface | Mirror / Matt / Micro Satin / Color Electro-deposition Finish
Feature | Flat Offset Ratchet Head
12 Point / Spline Ratchet Ring
Regular / Non-slip Open End
Twisted Panel

GT4XV

Size (inch)	Wt. (g)	L (mm)	Size (mm)	Wt. (g)	L (mm)	Size (mm)	Wt. (g)	L (mm)
1/4	36	136	6	36	136	22	340	285
5/16	34	136	7	36	136	23	330	285
3/8	54	160	8	35	136	24	470	325
7/16	70	168	9	40	143	25	460	325
1/2	91	180	10	55	160	26	-	325
9/16	120	193	11	72	168			
5/8	157	216	12	79	174			
11/16	183	233	13	93	180			
3/4	220	250	14	120	193			
13/16	350	286	15	134	200			
7/8	345	286	16	153	216			
15/16	485	325	17	188	233			
1"	470	325	18	199	239			
1-1/16	610	359	19	238	250			
1-1/8	985	425	20	360	285			
1-1/4	950	425	21	350	285			

GEARTECH® EXTRA LONG COMBINATION WRENCH

- Made by heat-treated **Chrome Vanadium Steel** for strength exceeding international specifications.
- Professional plating prevents wrenches from corrosion.
- **72 teeth** needs as little as 5° to move fasteners while a regular wrench needs 30° of sweep space.
- **Extra long panel** helps to reach deeper space.
- Specially designed for working on automotive engine and confined space.
- Small head profile.
- Superior life-time test.



Ratchet head allows wrench to travel without removing from fastener.

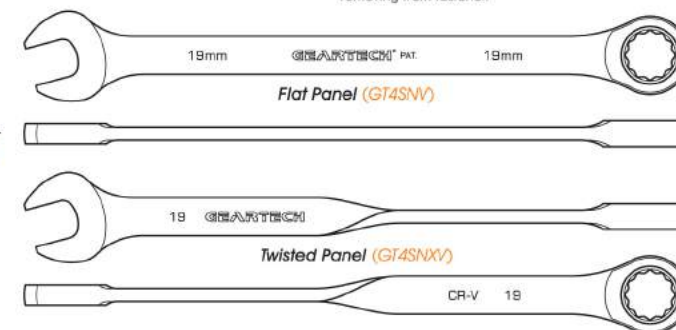


5° space requirement for each turn.

GEARTECH® EXTRA LONG
COMBINATION WRENCH

GT4SNV/GT4SNXV

Material | Chrome Vanadium Steel
Surface | Mirror / Matt / Micro Satin /
Color Electro-deposition Finish
Feature | Flat Offset Ratchet Head
12 Point / Spline Ratchet Ring
Regular / Non-slip Open End
Flat Panel / Twisted Panel



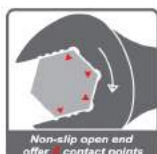
Size (inch)	Wt. (g)	L (mm)	Size (mm)	Wt. (g)	L (mm)	Size (mm)	Wt. (g)	L (mm)
1/4	41	150	6	41	150	22	360	330
5/16	39	150	7	41	150	23	350	330
3/8	64	180	8	38	150	24	480	355
7/16	78	195	9	45	165	25	490	355
1/2	112	220	10	65	180	26	490	355
9/16	139	235	11	77	195			
5/8	191	260	12	88	207			
11/16	223	275	13	110	220			
3/4	270	305	14	143	235			
13/16	370	330	15	170	250			
7/8	360	330	16	189	260			
15/16	475	355	17	227	275			
1"	490	355	18	240	290			
			19	275	305			
			20	370	330			
			21	360	330			

FLEX HEAD GEARTECH® COMBINATION WRENCH

- Made by heat-treated **Chrome Vanadium Steel** for strength exceeding international specifications.
- Professional plating prevents wrenches from corrosion.
- **72 teeth** needs as little as 5° to move fasteners while a regular wrench needs 30° of sweep space.
- **Flexible head** tilts 180° at any interval with continuous head tension.
- Specially designed for working on automotive engine and confined space.
- Superior life-time test.



Flexible head tilts 180° at any interval with continuous head tension.



Non-slip open end offers contact points



Conventional open end offers contact points

Specially designed open end gets better nut friction and minimizes slippage.



FLEX HEAD GEARTECH® COMBINATION WRENCH



Material | Chrome Vanadium Steel
Surface | Mirror / Matt / Micro Satin / Color Electro-deposition Finish
Feature | 180° Flexible Ratchet Head
12 Point Ratchet Ring
Regular / Non-slip Open End

FXGT4V

Size (inch)	Wt. (g)	L (mm)	Size (mm)	Wt. (g)	L (mm)	Size (mm)	Wt. (g)	L (mm)
1/4	41	136	6	41	136	22	395	285
5/16	39	136	7	39	136	23	390	285
3/8	62	160	8	39	136	24	550	325
7/16	77	168	9	47	143	25	550	325
1/2	108	180	10	62	160	26	540	325
9/16	130	193	11	78	168	27	-	359
5/8	186	216	12	88	174	28	-	359
11/16	205	233	13	106	180	30	-	425
3/4	265	250	14	126	193	32	-	425
13/16	390	285	15	145	200			
7/8	380	285	16	183	216			
15/16	550	325	17	208	233			
1"	540	325	18	233	239			
1-1/16	-	359	19	260	250			
1-1/8	-	425	20	390	285			
1-1/4	-	425	21	395	285			



5° space requirement for each turn.



Ratchet head allows wrench to travel without removing from fastener.

INFAR®

GEARTECH®

FLEX HEAD GEARTECH® SPEEDY OPEN END WRENCH

- Made by heat-treated **Chrome Vanadium Steel** for strength exceeding international specifications.
- Professional plating prevents wrenches from corrosion.
- **72 teeth** needs as little as 5° to move fasteners while a regular wrench needs 30° of sweep space.
- **Flexible head** tilts 180° at any interval with continuous head tension.
- **Speedy open end & ratchet head** allows wrench to travel without removing from fastener.
- Specially designed for working on automotive engine and confined space.
- Superior life-time test.



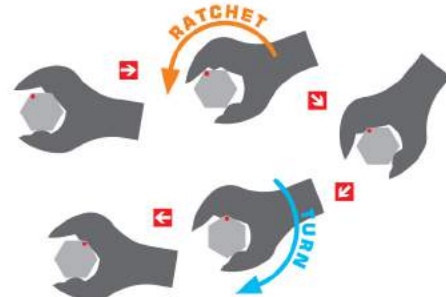
FLEX HEAD GEARTECH® SPEEDY OPEN END WRENCH

FXGT4Q2V



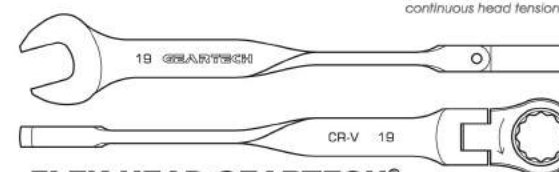
Material | Chrome Vanadium Steel
Surface | Mirror / Matt / Micro Satin / Color Electro-deposition Finish
Feature | 180° Flexible Ratchet Head
12 Point Ratchet Ring
Speedy Open End

Size (inch)	Wt. (g)	L (mm)	Size (mm)	Wt. (g)	L (mm)
5/16	39	136	8	39	136
3/8	62	160	9	47	143
7/16	77	168	10	62	160
1/2	108	180	11	78	168
9/16	130	193	12	88	174
5/8	186	216	13	106	180
11/16	205	233	14	126	193
3/4	265	250	15	145	200
			16	183	216
			17	208	233
			18	233	239
			19	259	250



FLEX HEAD GEARTECH® TWIST COMBINATION WRENCH

- Made by heat-treated **Chrome Vanadium Steel** for strength exceeding international specifications.
- Professional plating prevents wrenches from corrosion.
- **72 teeth** needs as little as 5° to move fasteners while a regular wrench needs 30° of sweep space.
- **Flexible head** tilts 180° at any interval with continuous head tension.
- When performing the ratchet actions, the grip of twisting wrench allows more contact area of the palm, bearing less stress for the user.
- Specially designed for working on automotive engine and confined space.
- Superior life-time test.



FLEX HEAD GEARTECH® TWIST COMBINATION WRENCH

FXGT4XV



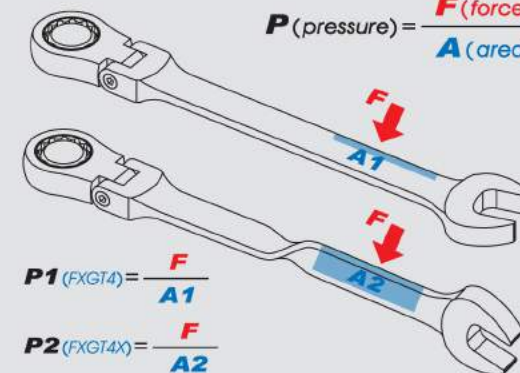
Material | Chrome Vanadium Steel
Surface | Mirror / Matt / Micro Satin / Color Electro-deposition Finish
Feature | 180° Flexible Ratchet Head
12 Point Ratchet Ring
Regular / Non-slip Open End
Twisted Panel

Size (inch)	Wt. (g)	L (mm)	Size (mm)	Wt. (g)	L (mm)
1/4	41	136	6	41	136
5/16	39	136	7	39	136
3/8	62	160	8	39	136
7/16	77	168	9	47	143
1/2	108	180	10	62	160
9/16	130	193	11	78	168
5/8	186	216	12	88	174
11/16	205	233	13	106	180
3/4	265	250	14	126	193
13/16	390	285	15	145	200
7/8	380	285	16	183	216
15/16	550	325	17	208	233
1"	540	325	18	233	239
1-1/16	-	359	19	260	250
1-1/8	-	425	20	390	285
1-1/4	-	425	21	395	285

FUNCTION INTRODUCTION
TWISTED PANEL

- When performing the ratchet actions, the grip of twisting wrench allows more contact area of the palm, bearing less stress for the user.

$$P(\text{pressure}) = \frac{F(\text{force})}{A(\text{area})}$$



$$P1(\text{FXGT4}) = \frac{F}{A1}$$

$$P2(\text{FXGT4X}) = \frac{F}{A2}$$

$$F = P1(\text{FXGT4}) \times A1 \quad F = P2(\text{FXGT4X}) \times A2$$

$$P1(\text{FXGT4}) \times A1 = P2(\text{FXGT4X}) \times A2$$

$$A1 < A2 \Rightarrow P1(\text{FXGT4}) < P2(\text{FXGT4X})$$



5° space requirement for each turn.



LOCKING FLEX HEAD GEARTECH® COMBINATION WRENCH

- Made by heat-treated **Chrome Vanadium Steel** for strength exceeding international specifications.
- Professional plating prevents wrenches from corrosion.
- **72 teeth** needs as little as 5° to move fasteners while a regular wrench needs 30° of sweep space.
- 180° flex head has **13 locking positions**.
- **Locking switch.**
- Specially designed for working on automotive engine and confined space.
- Superior life-time test.



LOCKING FLEX HEAD GEARTECH® COMBINATION WRENCH



FXGT4KV

Material | Chrome Vanadium Steel
Surface | Mirror / Matt / Micro Satin / Color Electro-deposition Finish
Feature | 180° Flexible Ratchet Head
 13 Locking Positions on Flexible Head
 12 Point Ratchet Ring
 Regular / Non-slip Open End

Size (inch)	Wt. (g)	L (mm)	Size (mm)	Wt. (g)	L (mm)
5/16	-	136	8	-	136
3/8	-	160	9	-	143
7/16	-	168	10	-	160
1/2	-	180	11	-	168
9/16	-	193	12	88	174
5/8	-	216	13	103	180
11/16	-	233	14	132	193
3/4	-	250	15	150	200
			16	-	216
			17	206	233
			18	-	239
			19	258	250



Flexible head lifts 180° at any interval with continuous head tension.



Locking Switch.



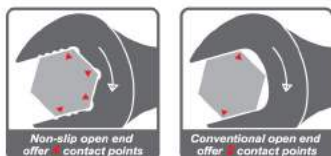
Ratchet head allows wrench to travel without removing from fastener.



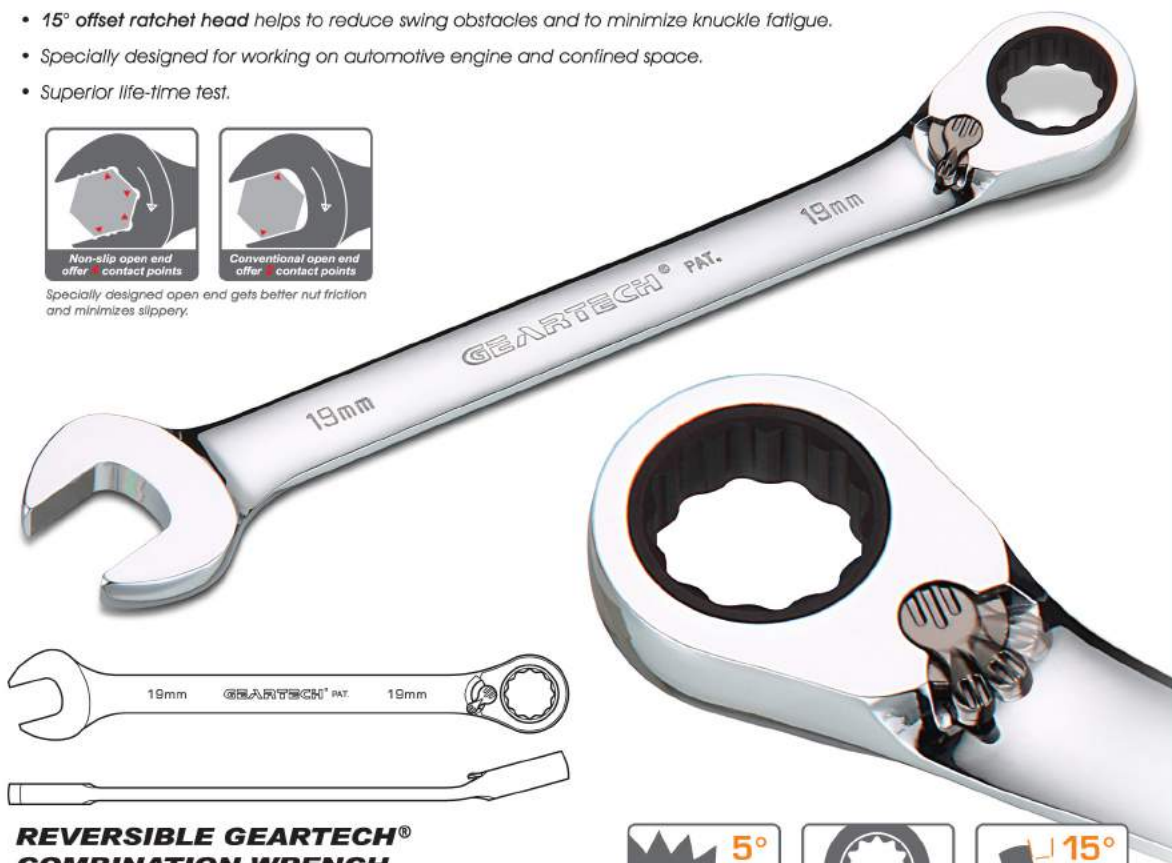
5° space requirement for each turn.

REVERSIBLE GEARTECH® COMBINATION WRENCH

- Made by heat-treated **Chrome Vanadium Steel** for strength exceeding international specifications.
- Professional plating prevents wrenches from corrosion.
- **72 teeth** needs as little as 5° to move fasteners while a regular wrench needs 30° of sweep space.
- **Reversible switch** enables ratchet to move from either direction.
- **15° offset ratchet head** helps to reduce swing obstacles and to minimize knuckle fatigue.
- Specially designed for working on automotive engine and confined space.
- Superior life-time test.



Specially designed open end gets better nut friction and minimizes slippage.



REVERSIBLE GEARTECH® COMBINATION WRENCH



Material | Chrome Vanadium Steel

Surface | Mirror / Matt / Micro Satin / Color Electro-deposition Finish

Feature | 15° Offset Ratchet Head

12 Point Ratchet Ring

Regular / Non-slip Open End

RGT5V



5° space requirement for each turn.



Reversible switch enables wrench to move from either direction.



15° offset ratchet head for knuckle clearance.

Size (inch)	Wt. (g)	L (mm)
1/4	33	124
9/32	32	124
5/16	36	135
11/32	43	142
3/8	58	158
7/16	73	167
1/2	100	179
9/16	121	189
5/8	163	215
11/16	193	232
3/4	236	247
13/16	350	285
7/8	335	285
15/16	470	325
1"	465	325
1-1/16	635	359

Size (inch)	Wt. (g)	L (mm)
1-1/8	960	425
1-1/4	920	425
1-3/8	-	482
1-7/16	-	482
1-1/2	-	482

Size (mm)	Wt. (g)	L (mm)
6	33	124
7	32	124
8	36	135
9	43	142
10	56	158
11	69	167
12	77	173
13	101	179
14	119	189
15	135	199
16	164	215
17	195	232
18	201	238
19	241	247
20	345	285
21	345	285

Size (mm)	Wt. (g)	L (mm)
22	340	285
23	335	285
24	480	325
25	470	325
26	465	325
27	630	359
28	635	359
30	940	425
32	900	425
34	-	482
36	1570	482
38	-	482

REVERSIBLE GEARTECH® SPLINE BOX END WRENCH

REVERSIBLE GEARTECH® SPEEDY OPEN END WRENCH

- Made by heat-treated **Chrome Vanadium Steel** for strength exceeding international specifications.
- Professional plating prevents wrenches from corrosion.
- **72 teeth** needs as little as 5° to move fasteners while a regular wrench needs 30° of sweep space.
- **Reversible switch** enables ratchet to move from either direction.
- **15° offset ratchet head** helps to reduce swing obstacles and to minimize knuckle fatigue.
- **Spline ratchet ring** works on all fastener types.
- Specially designed for working on automotive engine and confined space.
- Superior life-time test.



Reversible switch enables wrench to move from either direction.

15° offset ratchet head for knuckle clearance.



REVERSIBLE GEARTECH® SPLINE BOX END WRENCH



RGTS5PV

Material | Chrome Vanadium Steel
Surface | Mirror / Matt / Micro Satin / Color Electro-deposition Finish
Feature | Flat Offset Ratchet Head
Spline Ratchet Ring
Regular / Non-slip Open End

Size (inch/star)	Wt. (g)	L (mm)	Size (mm/star)	Wt. (g)	L (mm)
5/16 E10	36	135	8 E10	36	135
3/8 E12	58	158	9 -	43	142
7/16 E14	73	167	10 E12	56	158
1/2 E16	100	179	11 E14	69	167
9/16 E18	121	189	12 -	77	173
5/8 E20	163	215	13 E16	101	179
11/16 E22	193	232	14 E18	119	189
3/4 E24	236	247	15 -	135	199
7/8 E28	335	285	16 E20	164	215
			17 E22	195	232
			18 -	201	238
			19 E24	241	247
			21 -	345	285
			22 E28	340	285

COMPARATIVE TABLE AVAILABLE SIZES OF DIFFERENT FASTENERS

- Spline ratchet ring works on all fastener types.



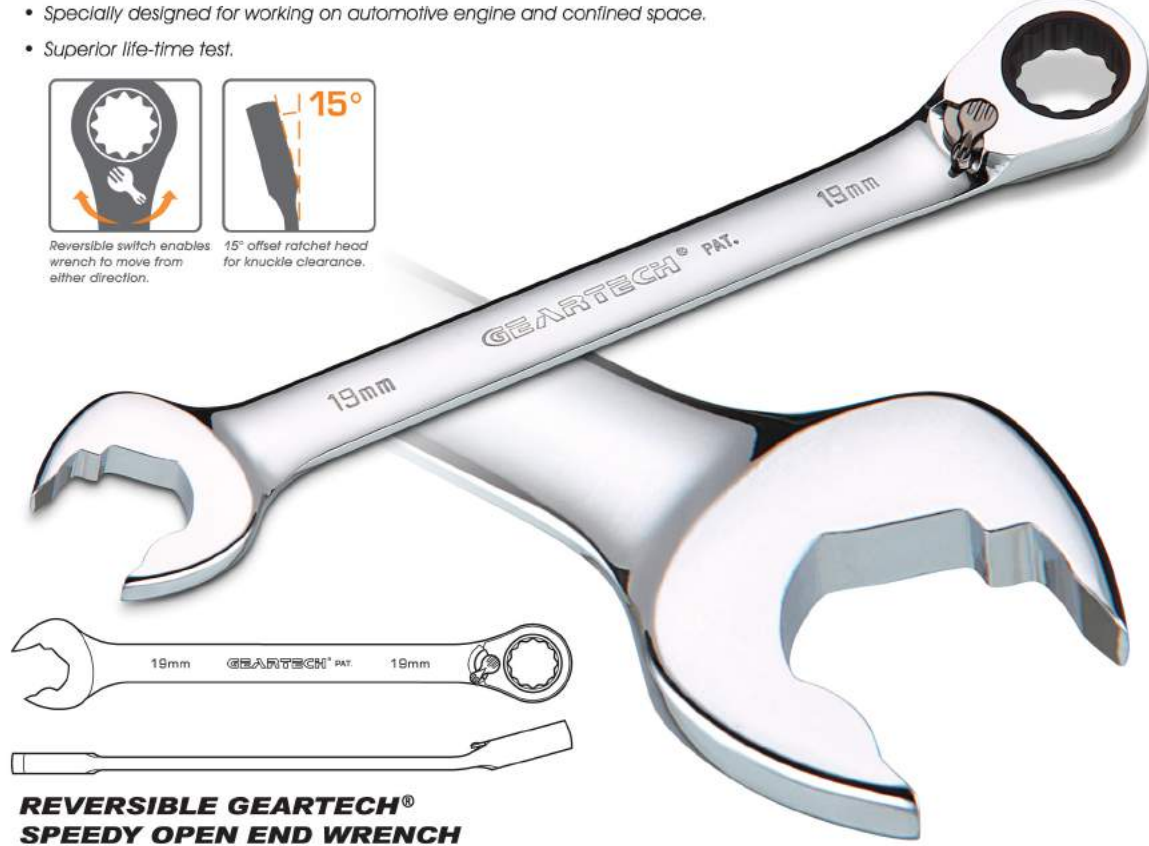
Size (mm/inch)	Size (mm/inch)	Size (mm)	Size (star)
8 5/16	7 9/32	8 E10	-
9 11/32	8 5/16	9 -	-
10 3/8	- 11/32	10 E12	-
11 7/16	9 3/8	11 E14	-
12 15/32	10 13/32	12 -	-
13 1/2	11 7/16	13 E16	-
14 9/16	12 15/32	14 E18	-
15 19/32	- 1/2	15 -	-
16 5/8	13 17/32	16 E20	-
17 11/16	14 9/16	17 E22	-
18 -	15 19/32	18 -	-
19 3/4	16 5/8	19 E24	-
21 13/16	18 11/16	21 -	-
22 7/8	19 3/4	22 E28	-

- Made by heat-treated **Chrome Vanadium Steel** for strength exceeding international specifications.
- Professional plating prevents wrenches from corrosion.
- **72 teeth** needs as little as 5° to move fasteners while a regular wrench needs 30° of sweep space.
- **Reversible switch** enables ratchet to move from either direction.
- **15° offset ratchet head** helps to reduce swing obstacles and to minimize knuckle fatigue.
- **Speedy open end & ratchet head** allows wrench to travel without removing from fastener.
- Specially designed for working on automotive engine and confined space.
- Superior life-time test.



Reversible switch enables wrench to move from either direction.

15° offset ratchet head for knuckle clearance.



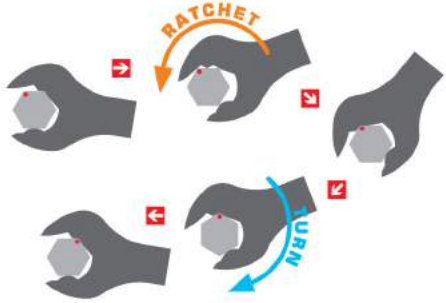
REVERSIBLE GEARTECH® SPEEDY OPEN END WRENCH



RGTSQ2V

Material | Chrome Vanadium Steel
Surface | Mirror / Matt / Micro Satin / Color Electro-deposition Finish
Feature | 15° Offset Ratchet Head
12 Point / Spline Ratchet Ring
Speedy Open End

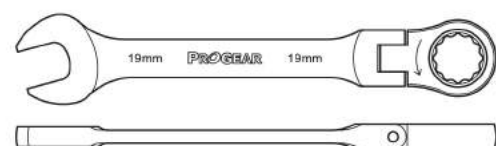
Size (inch)	Wt. (g)	L (mm)	Size (mm)	Wt. (g)	L (mm)
5/16	33	135	8	33	135
3/8	56	159	9	44	142
7/16	70	167	10	56	158
1/2	97	179	11	70	167
9/16	118	189	12	84	173
5/8	163	215	13	97	179
11/16	198	232	14	118	189
3/4	239	247	15	139	199
			16	163	215
			17	198	232
			18	204	238
			19	239	247



Speedy open end allows wrench to travel without removing from fastener.

FLEX HEAD PROGEAR® SHORT COMBINATION WRENCH

- Made by heat-treated **Forged Alloy Steel** for strength exceeding international specifications.
- Professional plating prevents wrenches from corrosion.
- **72 teeth** needs as little as 5° to move fasteners while a regular wrench needs 30° of sweep space.
- **Flexible head** tilts 180° at any interval with continuous head tension.
- Specially designed for working on automotive engine and confined space.
- Superior life-time test.



FLEX HEAD PROGEAR® SHORT COMBINATION WRENCH



FXGT6A/FXGT6V

Material | Medium Carbon Steel / Chrome Vanadium Steel
 Surface | Mirror / Matt / Micro Satin / Color Electro-deposition Finish
 Feature | 180° Flexible Ratchet Head
 12 Point Ratchet Ring
 Regular / Non-slip Open End
 Short Length Panel

Size (inch)	Wt. (g)	L (mm)	Size (mm)	Wt. (g)	L (mm)
5/16	39	136	8	39	136
3/8	62	140	10	62	140
7/16	72	142	11	72	142
1/2	104	156	12	83	143
9/16	119	164	13	103	156
5/8	161	176	14	121	164
11/16	189	195	15	142	174
3/4	244	214	16	161	176
			17	182	195
			18	219	213
			19	247	214



Flexible head tilts 180° at any interval with continuous head tension.



Ratchet head allows wrench to travel without removing from fastener.



5° space requirement for each turn.

LENGTH WISE | FLEX HEAD RATCHET COMBINATION WRENCH

- Choose appropriate length when using in different space.



FLEX HEAD GEARTECH® COMBINATION WRENCH (P.37)



FLEX HEAD PROGEAR® SHORT COMBINATION WRENCH (P.64)

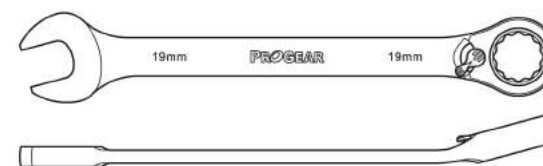


FLEX HEAD GEARTECH® STUBBY COMBINATION WRENCH (P.40)

Size (mm)	Size (inch)	L (mm)	L (mm)	L (mm)
6	1/4	136		88 (-35.3%)
7		136		88 (-35.3%)
8	5/16	136	136 (0%)	88 (-35.3%)
9		143		96 (-32.9%)
10	3/8	160	140 (-12.5%)	96 (-40.0%)
11	7/16	168	142 (-15.5%)	100 (-40.5%)
12		174	143 (-17.8%)	104 (-40.2%)
13	1/2	180	156 (-13.3%)	108 (-40.0%)
14	9/16	193	164 (-15.0%)	114 (-40.9%)
15		200	174 (-13.0%)	118 (-41.0%)
16	5/8	216	176 (-18.5%)	122 (-43.5%)
17	11/16	233	195 (-16.3%)	128 (-44.1%)
18		239	213 (-10.9%)	132 (-44.8%)
19	3/4	250	214 (-14.4%)	138 (-44.8%)
20	13/16	285		
21	7/8	285		
22		285		
23		285		
24	15/16	325		
25	1"	325		
26		325		
27	1-1/16	359		
28		359		
30	1-1/8	425		
32	1-1/4	425		

REVERSIBLE PROGEAR® SHORT COMBINATION WRENCH

- Made by heat-treated **Forged Alloy Steel** for strength exceeding international specifications.
- Professional plating prevents wrenches from corrosion.
- **72 teeth** needs as little as 5° to move fasteners while a regular wrench needs 30° of sweep space.
- **Reversible switch** enables ratchet to move from either direction.
- **15° offset ratchet head** helps to reduce swing obstacles and to minimize knuckle fatigue.
- Specially designed for working on automotive engine and confined space.
- Superior life-time test.



REVERSIBLE PROGEAR® SHORT COMBINATION WRENCH



RG26A/RG26V

Material | Medium Carbon Steel / Chrome Vanadium Steel
 Surface | Mirror / Matt / Micro Satin / Color Electro-deposition Finish
 Feature | 15° Offset Ratchet Head
 12 Point Ratchet Ring
 Regular / Non-slip Open End
 Short Length Panel

Size (inch)	Wt. (g)	L (mm)	Size (mm)	Wt. (g)	L (mm)
5/16	31	120	8	31	120
3/8	51	142	10	50	142
7/16	73	150	11	-	150
1/2	92	167	12	-	162
9/16	115	180	13	92	167
5/8	146	200	14	117	180
11/16	172	210	15	148	196
3/4	228	240	16	146	200
			17	176	210
			18	206	237
			19	228	240



5° space requirement for each turn.



Reversible switch enables wrench to move from either direction.



15° offset ratchet head for knuckle clearance.

LENGTH WISE | FLEX HEAD RATCHET COMBINATION WRENCH

- Choose appropriate length when using in different space.



REVERSIBLE GEARTECH® COMBINATION WRENCH (P.49)



REVERSIBLE PROGEAR® SHORT COMBINATION WRENCH (P.65)



REVERSIBLE GEARTECH® STUBBY COMBINATION WRENCH (P.52)

Size (mm)	Size (inch)	L (mm)	L (mm)	L (mm)
6	1/4	124		90 (-27.4%)
7	9/32	124		90 (-27.4%)
8	5/16	135	120 (-11.1%)	90 (-33.3%)
9	11/32	142		95 (-33.1%)
10	3/8	158	142 (-10.1%)	95 (-39.9%)
11	7/16	167	150 (-9.0%)	102 (-38.9%)
12		173	162 (-6.4%)	105 (-39.3%)
13	1/2	179	167 (-6.7%)	107 (-40.2%)
14	9/16	189	180 (-4.8%)	114 (-39.7%)
15		199	196 (-1.5%)	118 (-40.7%)
16	5/8	215	200 (-7.0%)	122 (-43.3%)
17	11/16	232	210 (-9.5%)	126 (-45.7%)
18		238	237 (-0.4%)	130 (-45.4%)
19	3/4	247	240 (-2.8%)	138 (-44.1%)
20	13/16	285		
21	7/8	285		
22		285		
23		285		
24	15/16	325		
25	1"	325		
26		325		
27	1-1/16	359		
28		359		
30	1-1/8	425		
32	1-1/4	425		