

INFAR®

RATCHET OPEN END WRENCH



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



15° offset box end helps to reduce swing obstacles and to minimize knuckle fatigue.

- Made by heat-treated Chrome Vanadium Steel for strength exceeding international specifications.
- Professional plating prevents wrenches from corrosion.
- Ratchet open end allows wrench to travel without removing from fastener.
- Specially designed for working on automotive engine and confined space.
- Superior life-time test.



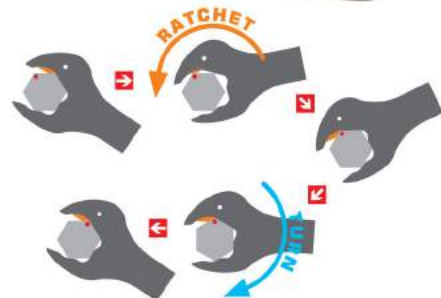
PR-TYPE RATCHET OPEN END WRENCH

PRQ3



Material | Chrome Vanadium Steel
Surface | Mirror / Matt / Micro Satin / Color Electro-deposition Finish
Feature | 15° Offset Box End
12 Point / 6 Point / Spline Box
Ratchet Open End

Size (inch)	Wt. (g)	L (mm)	Size (mm)	Wt. (g)	L (mm)
5/16	29	136	8	29	136
3/8	50	161	10	50	161
7/16	58	168	11	58	168
1/2	79	180	12	70	174
9/16	109	193	13	79	180
5/8	133	207	14	109	193
11/16	166	227	15	130	200
3/4	226	250	16	133	207
			17	166	227
			18	197	239
			19	226	250



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



15° offset box end for knuckle clearance.

GEARTECH®

RATCHET OPEN END WRENCH



Ratchet head allows wrench to travel without removing from fastener.



Designed to work on a variety of fittings, such as fuel, brake, and air conditioning lines.

- Made by heat-treated Chrome Vanadium Steel for strength exceeding international specifications.
- Professional plating prevents wrenches from corrosion.
- Ratchet 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.



GEARTECH® RATCHET OPEN END WRENCH

GT4Q3V



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

Size (inch)	Wt. (g)	L (mm)	Size (mm)	Wt. (g)	L (mm)
5/16	33	136	8	33	136
3/8	55	160	10	55	160
7/16	70	168	11	70	168
1/2	98	180	12	81	174
9/16	121	193	13	98	180
5/8	161	216	14	123	193
11/16	189	233	15	139	200
3/4	235	250	16	162	216
			17	192	233
			18	211	239
			19	235	250



GERMAN-TYPE FLARE NUT & RATCHET OPEN END WRENCH

GFV6Q3



GERMANY EXCLUSIVE

Material | Chrome Vanadium Steel
Surface | Mirror / Matt / Micro Satin / Color Electro-deposition Finish
Feature | 13° Offset Flare Nut Drive
Ratchet Open End

Size (mm)	Wt. (g)	L (mm)
10	57	161
11	69	168
12	93	174
13	107	180
14	117	193
15	134	200
16	147	207
17	188	227
18	217	239
19	239	250



13° offset flare nut drive for knuckle clearance.

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.
- **Speedy open end & ratchet head** allows wrench to travel without removing from fastener.
- 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® SPEEDY OPEN END WRENCH



GT4Q2V

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

Size (inch)	Wt. (g)	L (mm)	Size (mm)	Wt. (g)	L (mm)
5/16	36	136	8	36	136
3/8	54	160	9	40	143
7/16	69	168	10	54	160
1/2	92	180	11	69	168
9/16	121	193	12	79	174
5/8	152	216	13	92	180
11/16	187	233	14	121	193
3/4	232	250	15	132	200
			16	152	216
			17	187	233
			18	194	239
			19	232	250



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

REVERSIBLE 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.
- **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	-

REVERSIBLE GEARTECH® SPEEDY OPEN END WRENCH

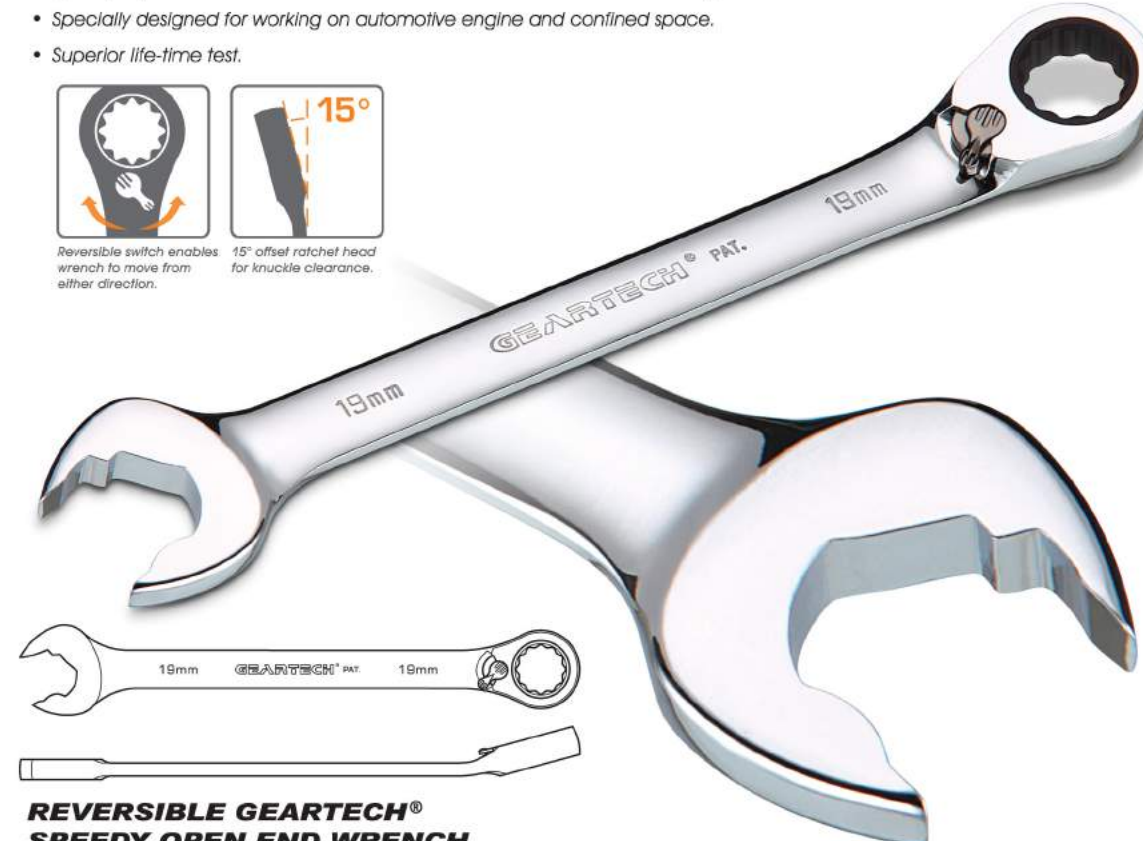
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- **Speedy open end & ratchet head** allows wrench to travel without removing from fastener.
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- Superior life-time test.



Reversible switch enables wrench to move from either direction.



15° offset ratchet head for knuckle clearance.



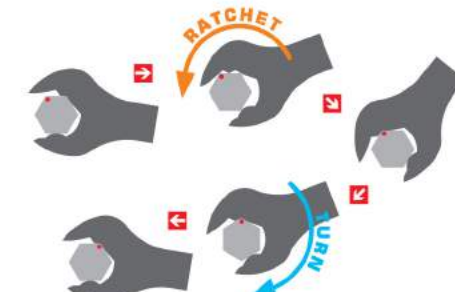
REVERSIBLE GEARTECH® SPEEDY OPEN END WRENCH



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.