

GEARWRENCH®

RATCHET GUIDE

INCLUDES: 120XP™ Ratchets, 84-Tooth Ratchets, Roto Ratchets, Quick-Release & Specialty Ratchets

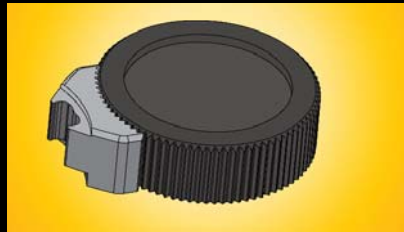
84-Tooth Locking Flex Head Ratchets

SPEED



4.3° ratcheting arc and long handle mean you can get into a tight spot and still get your work done.

STRENGTH



84-Tooth design delivers over 180% of ASME torque performance*.

ACCESS



Flex head adjusts for improved access and locks in position so the handle does not move under load.

The GearWrench 84-Tooth Locking Flex Head Ratchets offer improved access with the flex head design and more control due to the locking mechanism. The mechanism keeps the handle locked in position when the head is angled and a load is applied, so it does not shift position when you are using it.



Speed

- 84-Teeth give a 4.3° ratcheting arc so you can turn a fastener in tighter confines
- Highly visible on/off markings for easy identification



Strength

- Enclosed head design for extreme resistance to dirt infiltration
- Exceeds ASME torque performance specifications

Access

- Flex head with 9-locked positions and unlocked for adjustable access angle
- Locked position holds the handle in position when load is applied
- Teardrop low profile head and flush mounted on/off switch allow better access in tight spaces

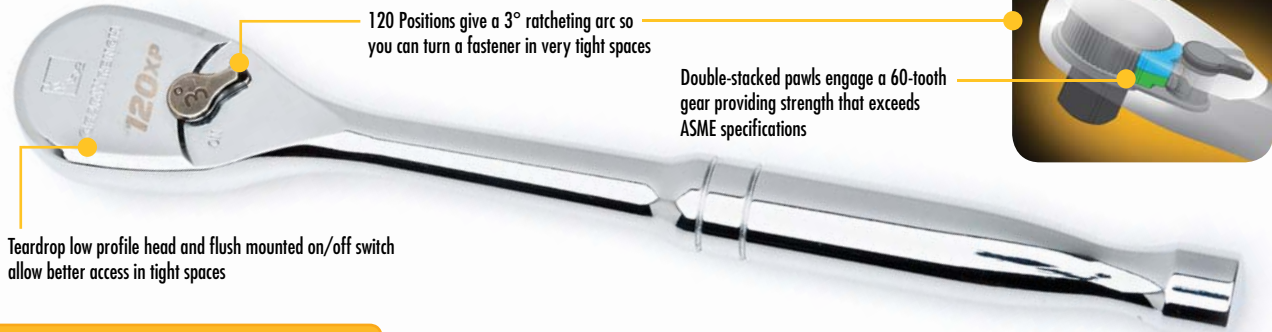


- Handle available in full polish or cushion grip

*Results are based on Apex Tool Group testing of 3/8" drive ratchet.

120XP™ RATCHETS

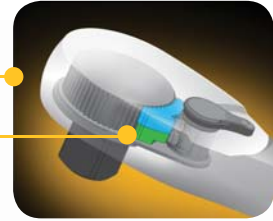
Low profile head, 3° ratcheting arc - HIGH ACCESS



Teardrop low profile head and flush mounted on/off switch allow better access in tight spaces

120 Positions give a 3° ratcheting arc so you can turn a fastener in very tight spaces

Double-stacked pawls engage a 60-tooth gear providing strength that exceeds ASME specifications



84 TOOTH RATCHETS

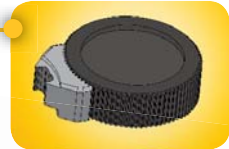
Low profile head, 4.3° ratcheting arc - HIGH ACCESS



Teardrop low profile head and flush mounted on/off switch allow better access in tight spaces

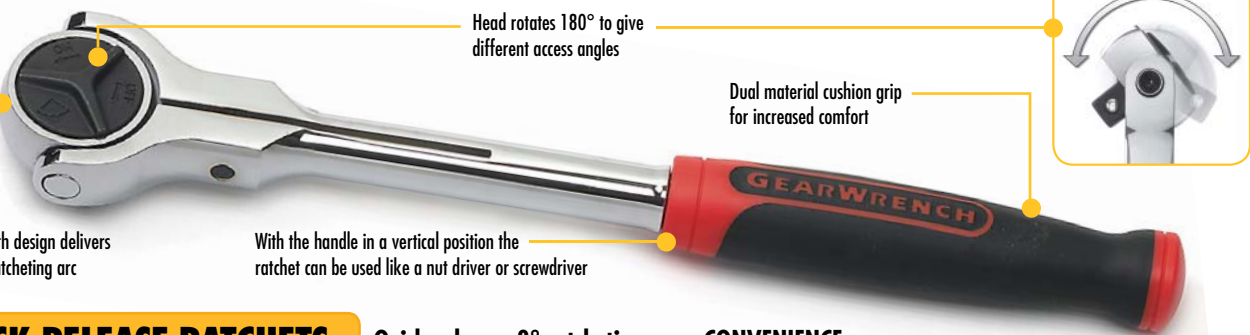
84-Teeth give a 4.3° ratcheting arc so you can turn a fastener in tighter confines

Exceeds ASME torque performance specifications



ROTO RATCHETS

Rotating head, 5° ratcheting arc – VERSATILITY



72-tooth design delivers a 5° ratcheting arc

Head rotates 180° to give different access angles

Dual material cushion grip for increased comfort

With the handle in a vertical position the ratchet can be used like a nut driver or screwdriver



QUICK-RELEASE RATCHETS

Quick-release, 8° ratcheting arc – CONVENIENCE



Quick-Release drive tool retention

45-Teeth give a 8° ratcheting arc

Exceeds ASME performance specifications

GIMBAL RATCHETS

Pivoting design, 5° ratcheting arc – LOW TORQUE ACCESS



Exceeds ASME performance specifications

Anodized aluminum finish for protection and easy wipe down

Gimbal design allows the ratchet to rotate on two plains for easier access



1/4" Drive Ratchets

SKU #	Description	No. of Teeth/Positions	Head Style	Flex/Regular	Handle Style	Head Width	Head Thickness	Overall Length	Weight
81011P	1/4" Drive 120XP™ Ratchet	120	Tear Drop	Regular	Full Polish	0.98 in	0.39 in	5.12 in	0.29 lb
81011F	1/4" Drive Ratchet	84	Tear Drop	Regular	Full Polish	0.98 in	0.35 in	5.13 in	0.27 lb
81028	1/4" Drive Long Handle Ratchet	84	Tear Drop	Regular	Full Polish	0.98 in	0.35 in	6.87 in	0.28 lb
81014	1/4" Drive Quick-Release Ratchet	45	Tear Drop	Regular	Full Polish	1.00 in	0.47 in	5.63 in	0.30 lb
81007F	1/4" Drive Cushion Grip Ratchet	84	Tear Drop	Regular	Cushion grip	0.98 in	0.35 in	6.42 in	0.34 lb
81029	1/4" Drive Long Handle Cushion Grip Ratchet	84	Tear Drop	Regular	Cushion grip	0.98 in	0.35 in	8.18 in	0.28 lb
81224	1/4" Drive Cushion Grip Roto Ratchet	72	Round	Roto	Cushion grip	1.25 in	0.59 in	6.75 in	0.36 lb
81012P	1/4" Drive 120XP™ Flex Head Ratchet	120	Tear Drop	Flex	Full Polish	1.02 in	0.41 in	6.85 in	0.35 lb
81015	1/4" Drive Locking Flex Head Ratchet	84	Tear Drop	Locking Flex	Full Polish	0.98 in	0.35 in	6.97 in	0.33 lb
81012F	1/4" Drive Flex Head Ratchet	84	Tear Drop	Flex	Full Polish	0.98 in	0.35 in	6.97 in	0.32 lb
81009P	1/4" Drive 120XP™ Cushion Grip Flex Head Ratchet	120	Tear Drop	Flex	Cushion grip	1.02 in	0.41 in	8.18 in	0.36 lb
81016	1/4" Drive Cushion Grip Locking Flex Head Ratchet	84	Tear Drop	Locking Flex	Cushion Grip	0.98 in	0.35 in	8.23 in	0.33 lb
81009F	1/4" Drive Cushion Grip Flex Head Ratchet	84	Tear Drop	Flex	Cushion grip	0.98 in	0.35 in	7.76 in	0.39 lb
81027	1/4" Drive Gimbal Ratchet	72	Gimbal	Flex	Full Polish	1.97 in	0.73 in	N/A	0.20 lb
81008	1/4" Drive Thumbwheel Ratchet	72	Palm	Regular	Textured	1.90 in	0.65 in	N/A	0.31 lb

3/8" Drive Ratchets

SKU #	Description	No. of Teeth/Positions	Head Style	Flex/Regular	Handle Style	Head Width	Head Thickness	Overall Length	Weight
81211P	3/8" Drive 120XP™ Ratchet	120	Tear Drop	Regular	Full Polish	1.25 in	0.55 in	8.38 in	0.72 lbs
81211F	3/8" Drive Ratchet	84	Tear Drop	Regular	Full Polish	1.25 in	0.47 in	8.39 in	0.70 lbs
81209F	3/8" Drive Stubby Ratchet	84	Tear Drop	Regular	Full Polish	1.25 in	0.47 in	4.72 in	0.41 lbs
81264	3/8" Drive Long Handle Ratchet	84	Tear Drop	Regular	Full Polish	1.25 in	0.47 in	11.00 in	0.81 lbs
81218	3/8" Drive Quick-Release Ratchet	45	Tear Drop	Regular	Full Polish	1.25 in	0.57 in	7.87 in	0.85 lbs
81208F	3/8" Drive Cushion Grip Ratchet	84	Tear Drop	Regular	Cushion Grip	1.25 in	0.47 in	9.00 in	0.64 lbs
81265	3/8" Drive Long Handle Cushion Grip Ratchet	84	Tear Drop	Regular	Cushion Grip	1.25 in	0.47 in	13.00 in	0.77 lbs
81225	3/8" Drive Cushion Grip Roto Ratchet	72	Tear Drop	Roto	Cushion Grip	1.72 in	0.71 in	9.84 in	0.77 lbs
81215P	3/8" Drive 120XP™ Flex Head Ratchet	120	Tear Drop	Flex	Full Polish	1.30 in	0.55 in	11.47 in	0.95 lbs
81266	3/8" Drive Locking Flex Head Ratchet	84	Tear Drop	Locking Flex	Full Polish	1.25 in	0.47 in	11.47 in	0.93 lbs
81215F	3/8" Drive Flex Head Ratchet	84	Tear Drop	Flex	Full Polish	1.25 in	0.47 in	13.00 in	0.85 lbs
81212P	3/8" Drive 120XP™ Stubby Flex Head Ratchet	120	Tear Drop	Flex	Full Polish	1.30 in	0.55 in	5.00 in	0.55 lbs
81212F	3/8" Drive Stubby Flex Head Ratchet	84	Tear Drop	Flex	Full Polish	1.25 in	0.47 in	5.00 in	0.52 lbs
81219	3/8" Drive Flex Head Quick-Release Ratchet	45	Tear Drop	Flex	Full Polish	1.22 in	0.57 in	10.30 in	1.10 lbs
81214F	3/8" Drive Offset Flex Head Ratchet	84	Tear Drop	Flex	Full Polish	1.25 in	0.47 in	11.00 in	0.90 lbs
81210P	3/8" Drive 120XP™ Cushion Grip Flex Head Ratchet	120	Tear Drop	Flex	Cushion Grip	1.30 in	0.55 in	13.58 in	0.99 lbs
81267	3/8" Drive Cushion Grip Locking Flex Head Ratchet	84	Tear Drop	Locking Flex	Cushion Grip	1.25 in	0.47 in	13.63 in	0.93 lbs
81210F	3/8" Drive Cushion Grip Flex Head Ratchet	84	Tear Drop	Flex	Cushion Grip	1.25 in	0.47 in	13.10 in	0.94 lbs
81213F	3/8" Drive Offset Flex Head Cushion Grip Ratchet	84	Tear Drop	Flex	Cushion Grip	1.25 in	0.47 in	12.26 in	0.99 lbs
81270	3/8" Drive Gimbal Ratchet	72	Gimbal	Flex	Full Polish	1.97 in	0.73 in	N/A	0.20 lbs
81226	3/8" Drive Thumbwheel Ratchet	72	Palm	Regular	Textured	1.90 in	0.65 in	N/A	0.31 lbs

1/2" Drive Ratchets

SKU #	Description	No. of Teeth/Positions	Head Style	Flex/Regular	Handle Style	Head Width	Head Thickness	Overall Length	Weight
81304P	1/2" Drive 120XP™ Ratchet	120	Tear Drop	Regular	Full Polish	1.72 in	0.75 in	11.02 in	1.87 lbs
81304F	1/2" Drive Ratchet	84	Tear Drop	Regular	Full Polish	1.72 in	0.64 in	11.00 in	1.65 lbs
81360	1/2" Drive Long Handle Ratchet	84	Tear Drop	Regular	Full Polish	1.72 in	0.64 in	15.00 in	1.97 lbs
81309	1/2" Drive Quick-Release Ratchet	45	Tear Drop	Regular	Full Polish	1.69 in	0.72 in	9.60 in	1.45 lbs
81303F	1/2" Drive Cushion Grip Ratchet	84	Tear Drop	Regular	Cushion Grip	1.72 in	0.64 in	11.60 in	1.30 lbs
81361	1/2" Drive Long Handle Cushion Grip Ratchet	84	Tear Drop	Regular	Cushion Grip	1.72 in	0.64 in	16.50 in	1.75 lbs
81306P	1/2" Drive 120XP™ Flex Head Ratchet	120	Tear Drop	Flex	Full Polish	1.72 in	0.75 in	16.90 in	2.44 lbs
81362	1/2" Drive Locking Flex Head Ratchet	84	Tear Drop	Locking Flex	Full Polish	1.72 in	0.64 in	16.93 in	2.30 lbs
81363	1/2" Drive Locking Flex Head Ratchet	84	Tear Drop	Locking Flex	Full Polish	1.72 in	0.64 in	24.00 in	2.79 lbs
81306F	1/2" Drive Flex Head Ratchet	84	Tear Drop	Flex	Full Polish	1.72 in	0.64 in	16.98 in	2.05 lbs

3/4" Drive Ratchets

SKU #	Description	No. of Teeth/Positions	Head Style	Flex/Regular	Handle Style	Head Width	Head Thickness	Overall Length	Weight
81400	3/4" Drive Quick-Release Ratchet	24	Tear drop	Regular	Full Polish	2.25 in	1.34 in	19.75 in	5.2 lbs
81402	3/4" Drive Quick Release Ratchet HEAD ONLY	24	Tear Drop	N/A	N/A	2.25 in	1.34 in	6.10 in	2.74 lbs
81403	36" Knurled Handle for 3/4" Drive Ratchet Head	N/A	N/A	Regular	Full Polish	N/A	N/A	36.0 in	6.00 lbs

RATCHET SETS

120XP™ Mixed Drive Size Ratchet Sets

SKU #	Description	Pc. Count	Handle Style	Includes	
81230P	4-pc 120XP Flex Head Ratchet Set	4	Flex	81012P	1/4" Drive 120XP Flex Head Ratchet
				81212P	3/8" Drive 120XP Stubby Flex Head Ratchet
				81215P	3/8" Drive 120XP Flex Head Ratchet
				81306P	1/2" Drive 120XP Flex Head Ratchet
81204P	2-pc 120XP Flex Head Cushion Grip Ratchet Set	2	Flex	81009P	1/4" Drive 120XP Cushion Grip Flex Head Ratchet
				81210P	3/8" Drive 120XP Cushion Grip Flex Head Ratchet
81206P	3-pc 120XP Ratchet Set	3	Regular	81011P	1/4" Drive 120XP Ratchet
				81211P	3/8" Drive 120XP Ratchet
				81304P	1/2" Drive 120XP Ratchet

84 Tooth Mixed Drive Size Ratchet Sets

SKU #	Description	Pc. Count	Handle Style	Includes	
81230F	4-pc Flex Head Ratchet Set	4	Flex	81012F	1/4" Drive Flex Head Ratchet
				81212F	3/8" Drive Stubby Flex Head Ratchet
				81215F	3/8" Drive Flex Head Ratchet
				81306F	1/2" Drive Flex Head Ratchet
81276	3-pc Locking Flex Head Ratchet Set	3	Locking Flex	81015	1/4" Drive Locking Flex Head Ratchet
				81266	3/8" Drive Locking Flex Head Ratchet
				81362	1/2" Drive Locking Flex Head Ratchet
81274	2-pc Locking Flex Head Ratchet Set	2	Locking Flex	81015	1/4" Drive Locking Flex Head Ratchet
				81266	3/8" Drive Locking Flex Head Ratchet
81216F	2-pc Flex Head Ratchet Set	2	Flex	81012F	1/4" Drive Flex Head Ratchet
				81215F	3/8" Drive Flex Head Ratchet
81275	2-pc Locking Flex Head Cushion Grip Ratchet Set	2	Locking Flex	81016	1/4" Drive Cushion Grip Locking Flex Head Ratchet
				81267	3/8" Drive Cushion Grip Locking Flex Head Ratchet
81204F	2-pc Flex Head Cushion Grip Ratchet Set	2	Flex	81009F	1/4" Drive Cushion Grip Flex Head Ratchet
				81210F	3/8" Drive Cushion Grip Flex Head Ratchet
81203F	3-pc Mixed Cushion Grip Ratchet Set	3	Flex/Regular	81007F	1/4" Drive Cushion Grip Ratchet
				81208F	3/8" Drive Cushion Grip Ratchet
				81210F	3/8" Drive Cushion Grip Flex Head Ratchet
81206F	3-pc Ratchet Set	3	Regular	81011F	1/4" Drive Ratchet
				81211F	3/8" Drive Ratchet
				81304F	1/2" Drive Ratchet
81207F	3-pc Cushion Grip Ratchet Set	3	Regular	81007F	1/4" Drive Cushion Grip Ratchet
				81208F	3/8" Drive Cushion Grip Ratchet
				81303F	1/2" Drive Cushion Grip Ratchet
81268	2-pc Long Handle Ratchet Set	2	Long Handle	81028	1/4" Drive Long Handle Ratchet
				81264	3/8" Drive Long Handle Ratchet

Roto Ratchet Sets

SKU #	Description	Pc. Count	Handle Style	Includes	
81223	2-pc Roto Ratchet Set	2	Roto	81224	1/4" Drive Cushion Grip Roto Ratchet
				81225	3/8" Drive Cushion Grip Roto Ratchet

Quick-Release Ratchet Sets

SKU #	Description	Pc. Count	Handle Style	Includes	
81310	3-pc Quick-Release Ratchet Set	3	Regular	81014	1/4" Drive Quick-Release Ratchet
				81218	3/8" Drive Quick-Release Ratchet
				81309	1/2" Drive Quick-Release Ratchet



#81230P



#81204P



#81206F



#81268

RATCHET REPAIR KITS

1/4" Drive Ratchet Repair Kits

SKU #	Description	For Ratchet #s
81099F	For all 1/4" Drive 84-Tooth Ratchets	81007F, 81009F, 81011F, 81012F, 81015, 81016, 81028, 81029
		81009P, 81011P, 81012P
81099P	For all 1/4" Drive 120XP™ Ratchets	81009P, 81011P, 81012P

3/8" Drive Ratchet Repair Kits

SKU #	Description	For Ratchet #s
81227F	For all 3/8" Drive 84-Tooth Ratchets	81208F, 81209F, 81210F, 81211F, 81212F, 81213F, 81214F, 81215F, 81264, 81265, 81266, 81267
		81210P, 81211P, 81212P, 81215P
81227P	For all 3/8" Drive 120XP™ Ratchets	81210P, 81211P, 81212P, 81215P

1/2" Drive Ratchet Repair Kits

SKU #	Description	For Ratchet #s
81339F	For all 1/2" Drive 84-Tooth Ratchets	81303F, 81304F, 81306F, 81360, 81361, 81362, 81363
		81304P, 81306P
81339P	For all 1/2" Drive 120XP™ Ratchets	81304P, 81306P

3/4" Drive Ratchet Repair Kit

SKU #	Description	For Ratchet #s
81499	For all 3/4" Drive Ratchets	81400, 81402