

PREMIUM PEAR HEAD RATCHETS

- ▶ Small pear head design for access in tight, hard-to-reach work areas.
- ▶ 45-tooth gear provides balance between 8° articulation angle and high torque carrying capacity.
- ▶ Sealed design helps prevent debris from entering ratchet mechanism reducing wear. Also, helps to keep lubrication contained within the components. Patent pending design.
- ▶ Low profile reversing lever design for quick, one-hand operation.
- ▶ Contoured, ergonomically designed handle for comfort. Knurled bands allow for increased grip and slip resistance.
- ▶ Double nickel chrome plated for enhanced corrosion protection or black oxide finish.
- ▶ Field repairable.



Product #	Drive Size (in)	Finish	Style	Overall Length (in)	Weight (lbs)	Repair Kit Part #	Specification
J4749XL	1/4	Full Polish	Pear Head	5-5/8	0.25	J4749XLRK	ASME B107.500
J4749XLBL	1/4	Black Oxide	Pear Head	5-9/16	0.25	J4749XLRK	ASME B107.500
J4749XLQR	1/4	Full Polish	Quick-Release	5-5/8	0.25	J4749XLQRRK	ASME B107.10
J4749XLQRBL	1/4	Black Oxide	Quick-Release	5-5/8	0.25	J4749XLQRRK	ASME B107.10
J5249XL	3/8	Full Polish	Pear Head	8-1/2	0.86	J5249XLRK	ASME B107.500
J5249XLBL	3/8	Black Oxide	Pear Head	8-1/2	0.87	J5249XLRK	ASME B107.500
J5249XLQR	3/8	Full Polish	Quick-Release	8-1/2	0.86	J5249XLQRRK	ASME B107.10
J5249XLQRBL	3/8	Black Oxide	Quick-Release	8-1/2	0.86	J5249XLQRRK	ASME B107.10
J5449XL	1/2	Full Polish	Pear Head	10-1/2	1.72	J5449XLRK	ASME B107.500
J5449XLBL	1/2	Black Oxide	Pear Head	10-1/2	1.72	J5449XLRK	ASME B107.500
J5449XLQR	1/2	Full Polish	Quick-Release	10-1/2	1.72	J5449XLQRRK	ASME B107.10
J5449XLQRBL	1/2	Black Oxide	Quick-Release	10-1/2	1.72	J5449XLQRRK	ASME B107.10

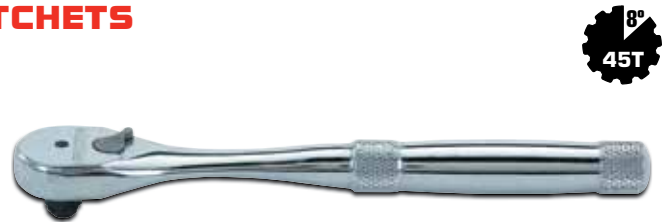
LONG HANDLE



Product #	Drive Size (in)	Finish	Style	Overall Length (in)	Weight (lbs)	Repair Kit Part #	Specification
J5250XL	3/8	Full Polish	Pear Head	11	1.03	J5249XLRK	ASME B107.500
J5250XLBL	3/8	Black Oxide	Pear Head	11	0.98	J5249XLRK	ASME B107.500
J5250XLQRBL	3/8	Black Oxide	Quick-Release	11	1.03	J5249XLQRRK	ASME B107.10
J5450XL	1/2	Full Polish	Pear Head	15	2.18	J5449XLRK	ASME B107.500
J5450XLQR	1/2	Full Polish	Quick-Release	15	2.18	J5449XLQRRK	ASME B107.10
J5450XLBL	1/2	Black Oxide	Pear Head	15	2.18	J5449XLRK	ASME B107.500
J5450XLQRBL	1/2	Black Oxide	Quick-Release	15	2.18	J5449XLQRRK	ASME B107.10

AEROSPACE PREMIUM PEAR HEAD RATCHETS

- ▶ Vertical hole drilled in drive plug, designed for installation of frangible collars on threaded pins.
- ▶ Robust 45-tooth gear pawl design provides 8° ratcheting angle while maximizing ultimate torque.
- ▶ Thin head design for access into tight work areas.
- ▶ Reversing lever designed for quick, one-hand operation.
- ▶ Full polish nickel chrome plated.



Product #	Drive Size (in)	Finish	Style	Overall Length (in)	Weight (lbs)	Repair Kit Part #	Specification
J4749XLHS	1/4	Full Polish	Aerospace	5-45/64	0.25	J4749XLHSRK	ASME B107.500
J5249XLHS	3/8	Full Polish	Aerospace	8-1/2	0.86	J5249XLHSRK	