

REPLACEABLE TIP PLIERS

87 HEAVY-DUTY PLIERS WITH TIP KIT



- Provides safe and stable service of extra large retaining rings
- Compound screw lever for easy ring installation and removal
- Durable heat treated alloy steel components provide reliability of use not available with other tools for servicing this range of rings

Part No.	Description	Ring Size	
		SAE (Inch)	Metric
87	Internal	3-1/2" - 7"	90mm - 175mm
	External	3-1/2" - 7"	90mm - 175mm

Part No.	Tips	Tip Sizes	
		SAE (Inch)	Metric
87	Bent 20°	0.120", 0.150", 0.180"	3.0mm, 3.8mm, 4.6mm
	Bent 72°	0.120", 0.150", 0.180"	3.0mm, 3.8mm, 4.6mm

RETAINING RING PLIERS TIP KITS

Part No.	Models	Tips	Tip Sizes	
			SAE (Inch)	Metric
12	1421	Straight	0.023", 0.039", 0.047"	0.6mm, 1.0mm, 1.2mm
		Bent 90°	0.039", 0.047"	1.0mm, 1.2mm
14	1434,1435	Straight	0.039", 0.047", 0.074"	1.0mm, 1.2mm, 1.9mm
		Bent 90°	0.039", 0.047"	1.0mm, 1.2mm
6515	75	Bent 15°	0.090", 0.108", 0.120"	2.3mm, 2.7mm, 3.0mm
6590	75	Bent 70°	0.090", 0.108", 0.120"	2.3mm, 2.7mm, 3.0mm
651590	75	Bent 15°	0.090", 0.108", 0.120"	2.3mm, 2.7mm, 3.0mm
		Bent 70°	0.090", 0.108", 0.120"	2.3mm, 2.7mm, 3.0mm
8600	1485,1486	Straight	0.120"	3.0mm
8645	1485,1486	Bent 45°	0.120"	3.0mm
8690	1485,1486	Bent 90°	0.120"	3.0mm
8720	87	Bent 20°	0.120", 0.150", 0.180"	3.0mm, 3.8mm, 4.6mm
8790	87	Bent 72°	0.120", 0.150", 0.180"	3.0mm, 3.8mm, 4.6mm

HOSE-PLIERS

145 HOSE PINCH-OFF PLIERS



- Eliminates the need to drain cooling system when servicing
- Squeezes hoses shut and jaws swivel for parallel clamping
- Pliers include automatic locking ratchet

3444 LARGE HOSE CLAMP PLIERS



- For use on flat type hose clamps
- Fine tooth locking ratchet
- For heavy-duty jobs

3975 HOSE CLAMP PLIERS



- For Corbin style hose clamps
- Slotted tips rotate to grip at any angle

3976 HOSE CLAMP PLIERS



- For flat type hose clamps
- Tips rotate to grip at any angle

3977 ANGLED HOSE CLAMP PLIERS



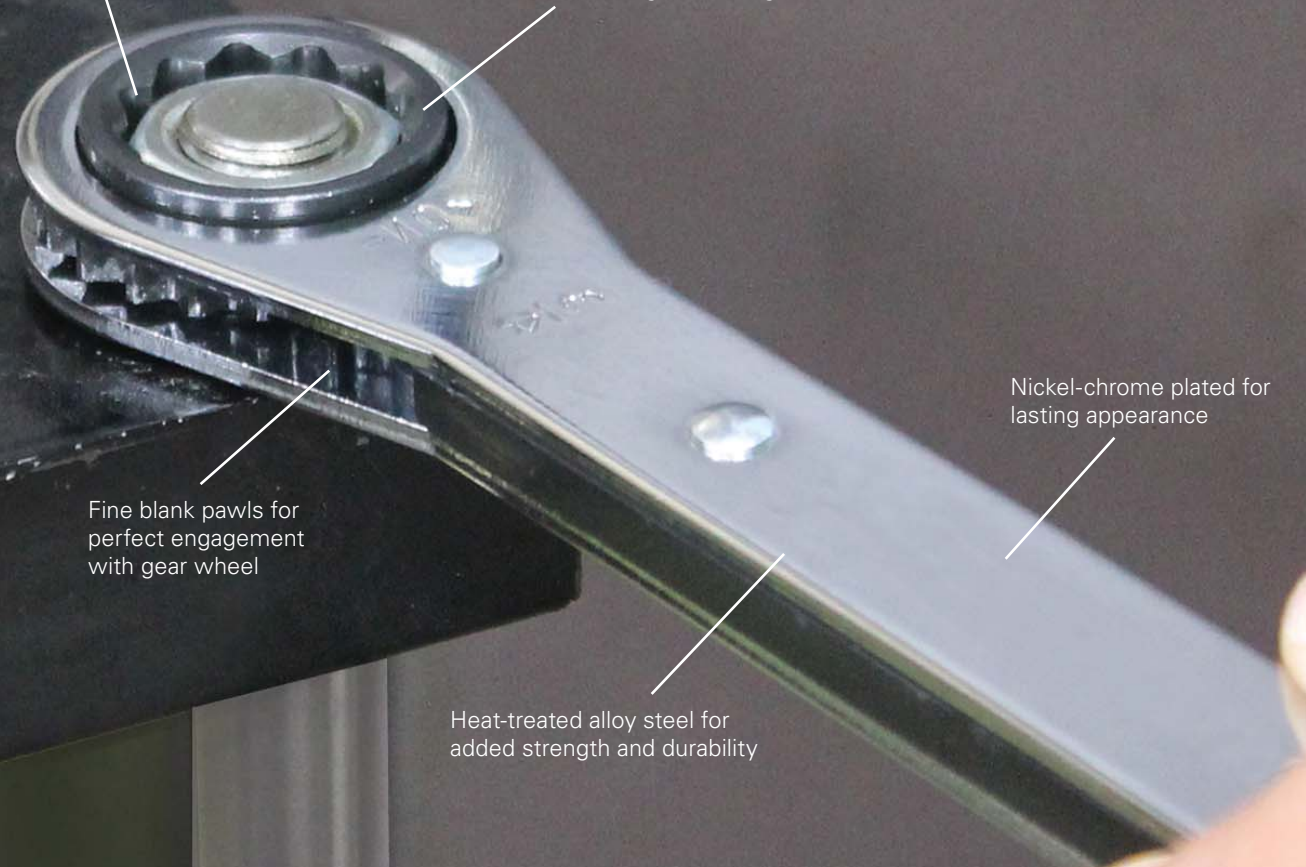
- For flat type hose clamps
- Angle feature provides easy access to clamps located in hard-to-reach areas

LET RATCHETING BOX WRENCHES SPEED UP YOUR JOB!

Those "hard-to-get-at" nuts and bolts are easy to turn with these top quality ratcheting box wrenches. Openings are accurately broached for that perfect non-slip fit. Critical parts are heat-treated to ensure safety and durability. Wrench handles are nickel-chrome plated for lasting quality and assurance. Exceeds torque capacity requirement of Federal specification ASME B107.100-2010 for ratcheting box wrenches.

Accurately broached sizes for perfect, no-slip fit

Alloy heat-treated gear wheel for strength and long life



Fine blank pawls for perfect engagement with gear wheel

Nickel-chrome plated for lasting appearance

Heat-treated alloy steel for added strength and durability

All Lang 6 & 12 point ratcheting box wrenches utilize the "torque grip system"



TORQUE GRIP



CONVENTIONAL