

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



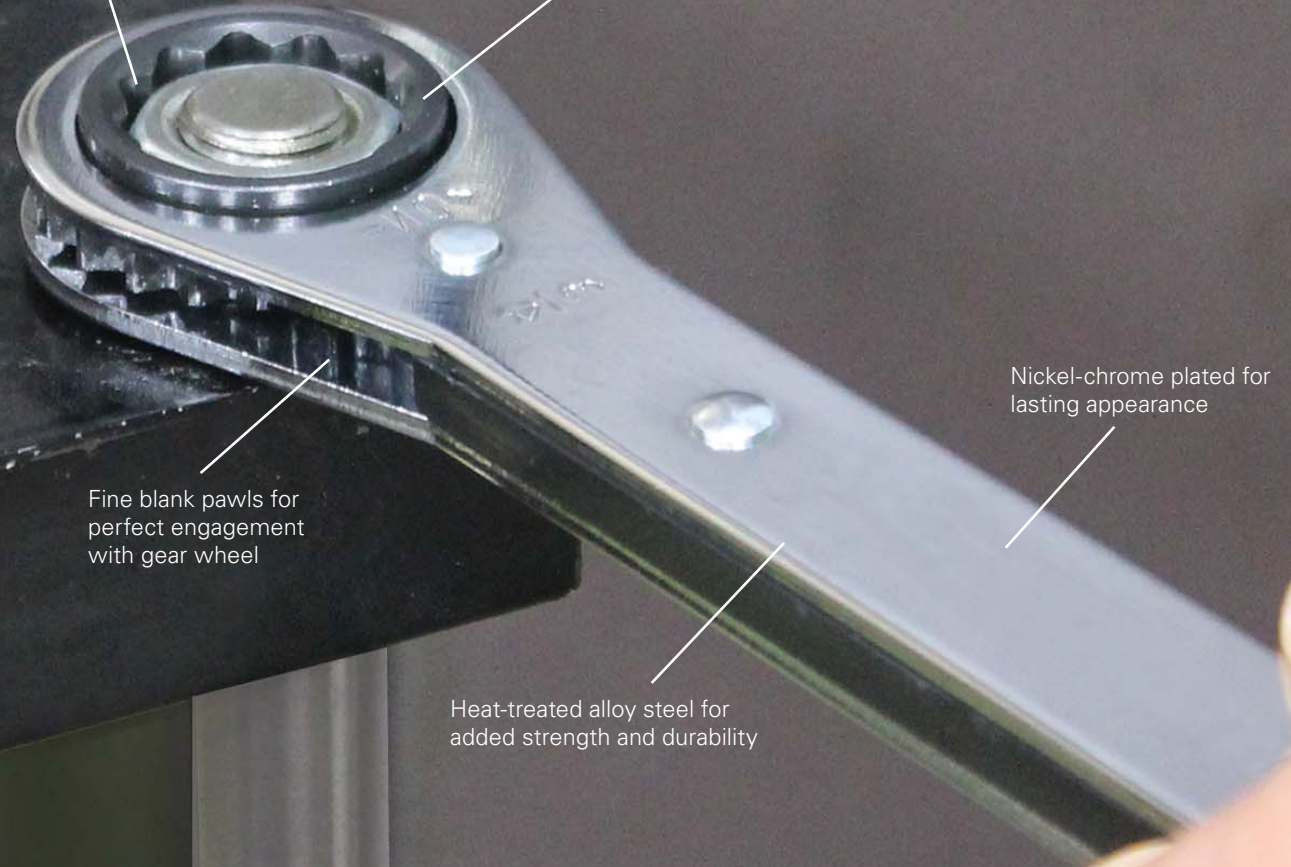
- For flat type hose clamps
- Angle feature provides easy access to clamps located in hard-to-reach areas

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"

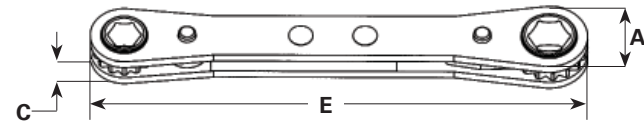


TORQUE GRIP



CONVENTIONAL

SAE FLAT



EDP#	Part No.	Description	Point	Weight (Each)	Dimensions		
					A	C	E

SAE FLAT INDIVIDUAL RATCHETING BOX WRENCHES

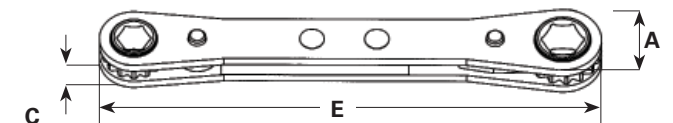
5500	RB-810*	1/4" x 5/16"	6	.16 lbs.	19/32"-43/64"	3/8"	4-1/2"
5501	RB-810DH	1/4" x 5/16"	12	.12	19/32"-43/64"	3/8"	4-1/2"
6500	RB-1214*	3/8" x 7/16"	6	.21	51/64"-57/64"	3/8"	5-1/2"
6501	RB-1214DH	3/8" x 7/16"	12	.17	51/64"-57/64"	3/8"	5-1/2"
7522**	7522	3/8" x 1/2"	6	.30	1-1/64"-1-5/32"	1/2"	6-7/8"
7514	RB-1218	3/8" x 9/16"	6	.30	1-1/64"-1-5/32"	1/2"	6-7/8"
7529	RB-1218DH	3/8" x 9/16"	12	.30	1-1/64"-1-5/32"	1/2"	6-7/8"
7517	RB-1416	7/16" x 1/2"	6	.30	1-1/64"-1-5/32"	1/2"	6-7/8"
7518	RB-1416DH	7/16" x 1/2"	12	.30	1-1/64"-1-5/32"	1/2"	6-7/8"
7500	RB-1618*	1/2" x 9/16"	6	.34	1-1/64"-1-5/32"	1/2"	6-7/8"
7501	RB-1618DH	1/2" x 9/16"	12	.30	1-1/64"-1-5/32"	1/2"	6-7/8"
8512	RB-1820	9/16" x 5/8"	12	.46	1-19/64"-1-7/16"	1/2"	8-1/8"
8513**	8513	9/16" x 3/4"	12	.46	1-19/64"-1-7/16"	1/2"	8-1/8"
8500	RB-2022*	5/8" x 11/16"	12	.50	1-19/64"-1-7/16"	1/2"	8-1/8"
8501	RB-2024	5/8" x 3/4"	12	.46	1-19/64"-1-7/16"	1/2"	8-1/8"
9515	RB-2224	11/16" x 3/4"	12	.46	1-13/32"-1-37/64"	1/2"	9-1/4"
9501	RB-2226	11/16" x 13/16"	12	.50	1-13/32"-1-37/64"	1/2"	9-1/4"
9516	RB-2228	11/16" x 7/8"	12	.50	1-13/32"-1-37/64"	1/2"	9-1/4"
9518	RB-2426	3/4" x 13/16"	12	.50	1-13/32"-1-37/64"	1/2"	9-1/4"
9500	RB-2428*	3/4" x 7/8"	12	.54	1-13/32"-1-37/64"	1/2"	9-1/4"
9520	RB-2628	13/16" x 7/8"	12	.50	1-13/32"-1-37/64"	1/2"	9-1/4"
9521	RB-2630*	13/16" x 15/16"	12	.54	1-13/32"-1-37/64"	1/2"	9-1/4"
9601	RB-3234	1" x 1-1/16"	12	1.38	1-29/32"-2-17/64"	9/16"	15"
9602	RB-3436	1-1/16" x 1-1/8"	12	1.38	1-29/32"-2-17/64"	9/16"	15"
9604	RB-3440	1-1/16" x 1-1/4"	12	1.38	1-29/32"-2-17/64"	9/16"	15"
9603	RB-3638	1-1/8" x 1-3/16"	12	1.38	1-29/32"-2-17/64"	9/16"	15"
9608	RB-3640	1-1/8" x 1-1/4"	12	1.38	1-29/32"-2-17/64"	9/16"	15"

SAE FLAT INDIVIDUAL AIRCRAFT RATCHETING BOX WRENCHES

5508**	5508	7/32" x 1/4"	6	.12 lbs.	19/32"-43/64"	3/8"	4-1/2"
5532**	5532	1/4" x 9/32"	6	.12	19/32"-43/64"	3/8"	4-1/2"
5516**	5516	5/16" x 11/32"	6	.12	19/32"-43/64"	3/8"	4-1/2"
5520**	5520	1/4" x 11/32"	6	.12	19/32"-43/64"	3/8"	4-1/2"
5526**	5526	5/16" x 11/32"	12	.12	19/32"-43/64"	3/8"	4-1/2"
5527**	5527	7/32" x 11/32"	12	.12	19/32"-43/64"	3/8"	4-1/2"
5528**	5528	9/32" x 11/32"	12	.12	19/32"-43/64"	3/8"	4-1/2"
5531**	5531	1/4" x 9/32"	12	.12	19/32"-43/64"	3/8"	4-1/2"

*Skin-packed ** Available only by special quote (with lead time and minimum order requirements)

METRIC FLAT



EDP#	Part No.	Description	Point	Weight (Each)	Dimensions		
					A	C	E

METRIC FLAT INDIVIDUAL RATCHETING BOX WRENCHES

5504	RBM-0708	7mm x 8mm	6	.12 lbs.	19/32"-43/64"	3/8"	4-1/2"
5506	RBM-0708DH	7mm x 8mm	12	.12	19/32"-43/64"	3/8"	4-1/2"
5585**	5585	6mm x 7mm	12	.12	19/32"-43/64"	3/8"	4-1/2"
6585**	6585	8mm x 9mm	12	.17	51/64"-57/64"	3/8"	5-1/2"
6504	RBM-0910	9mm x 10mm	6	.17	51/64"-57/64"	3/8"	5-1/2"
6506	RBM-0910DH	9mm x 10mm	12	.17	51/64"-57/64"	3/8"	5-1/2"
6507**	6507	8mm x 10mm	12	.17	51/64"-57/64"	3/8"	5-1/2"
7515	RBM-1011DH	10mm x 11mm	12	.30	1-1/64"-1-5/32"	1/2"	6-7/8"
7504	RBM-1112	11mm x 12mm	6	.30	1-1/64"-1-5/32"	1/2"	6-7/8"
7509	RBM-1112DH	11mm x 12mm	12	.30	1-1/64"-1-5/32"	1/2"	6-7/8"
7523	RBM-1113	11mm x 13mm	6	.30	1-1/64"-1-5/32"	1/2"	6-7/8"
7586	RBM-1213DH	12mm x 13mm	12	.30	1-1/64"-1-5/32"	1/2"	6-7/8"
7524	RBM-1214	12mm x 14mm	6	.30	1-1/64"-1-5/32"	1/2"	6-7/8"
7506	RBM-1314	13mm x 14mm	6	.30	1-1/64"-1-5/32"	1/2"	6-7/8"
7510	RBM-1314DH	13mm x 14mm	12	.30	1-1/64"-1-5/32"	1/2"	6-7/8"
8587	RBM-1415	14mm x 15mm	12	.46	1-19/64"-1-7/16"	1/2"	8-1/8"
8504	RBM-1517	15mm x 17mm	12	.46	1-19/64"-1-7/16"	1/2"	8-1/8"
8505	RBM-1618	16mm x 18mm	12	.46	1-19/64"-1-7/16"	1/2"	8-1/8"
9504	RBM-1921	19mm x 21mm	12	.50	1-13/32"-1-37/64"	1/2"	9-1/4"

** Available only by special quote (with lead time and minimum order requirements)

PORTABLE TOOL CADDY



5373

5-PIECE SAE RATCHETING BOX WRENCH SET

Part No.	Description	Point
RB-810DH	1/4" x 5/16"	12
RB-1214DH	3/8" x 7/16"	12
RB-1618DH	1/2" x 9/16"	12
RB-2024	5/8" x 3/4"	12
RB-2228	11/16" x 7/8"	12

5374

5-PIECE METRIC RATCHETING BOX WRENCH SET

Part No.	Description	Point
RBM-0708DH	7mm x 8mm	12
RBM-0910DH	9mm x 10mm	12
RBM-1213DH	12mm x 13mm	12
RBM-1415	14mm x 15mm	12
RBM-1921	19mm x 21mm	12