

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

3976

HOSE CLAMP PLIERS



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

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

3977

ANGLED HOSE CLAMP PLIERS



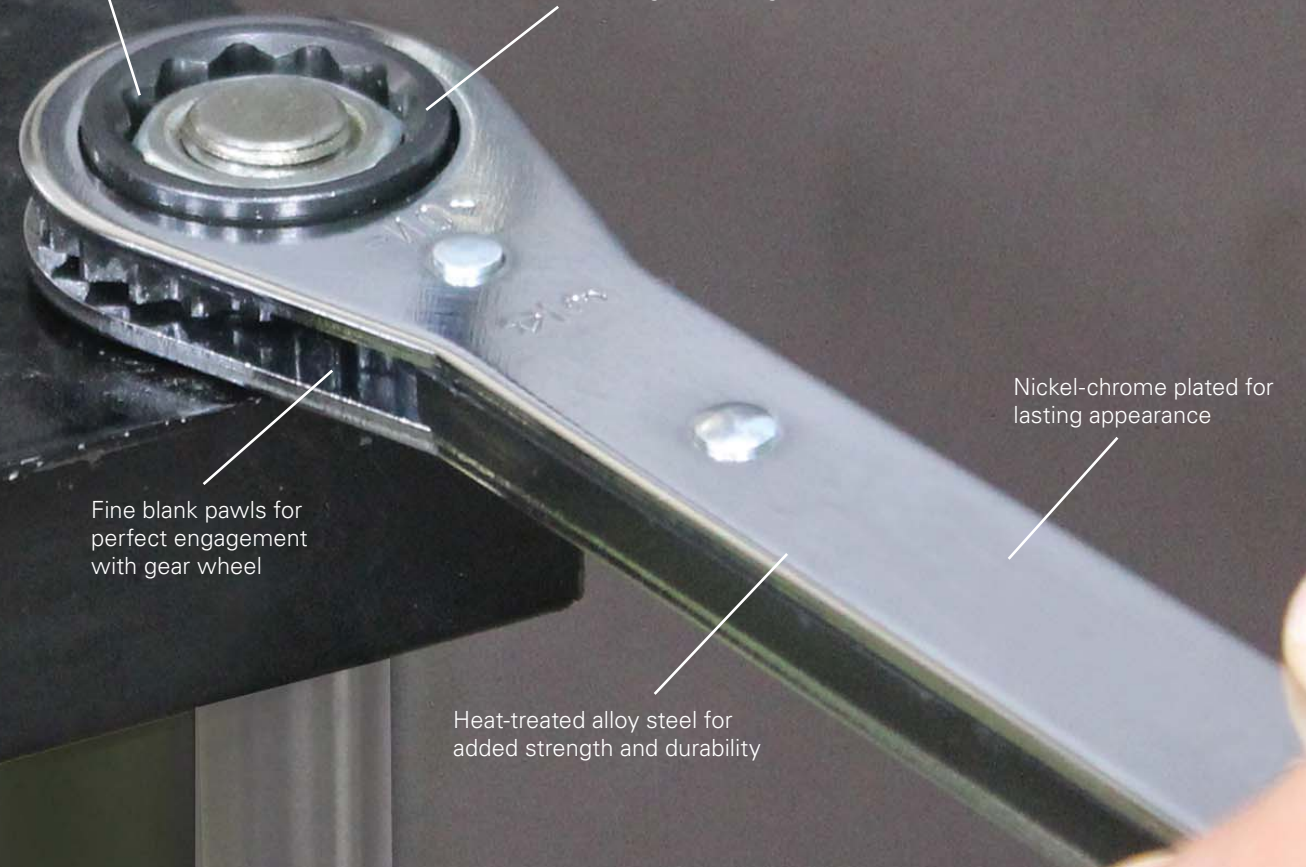
- For flat type hose clamps
- Angle feature provides easy access to clamps located in hard-to-reach areas

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"



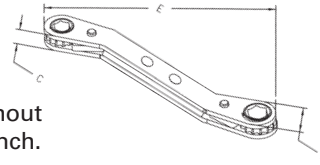
TORQUE GRIP



CONVENTIONAL

SAE OFFSET

The 25° angle at each end of these wrenches allows reach to those tight applications without scraping knuckles, and still provided the speed and convenience of a ratcheting box wrench. Reverse direction by simply flipping the reversing lever



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

SAE OFFSET INDIVIDUAL RATCHETING BOX WRENCHES

5700	ROW-0810*	1/4" x 5/16"	6	.16 lbs.	19/32"-43/64"	3/8"	4-1/4"
5701	ROW-0810DH	1/4" x 5/16"	12	.13	19/32"-43/64"	3/8"	4-1/4"
6700	ROW-1214*	3/8" x 7/16"	6	.24	51/64"-57/64"	3/8"	5-7/16"
6701	ROW-1214DH	3/8" x 7/16"	12	.20	51/64"-57/64"	3/8"	5-7/16"
7717**	7717	7/16" x 1/2"	6	.30	1-1/64"-1-5/32"	1/2"	6-3/4"
7700	ROW-1618*	1/2" x 9/16"	6	.34	1-1/64"-1-5/32"	1/2"	6-3/4"
7701	ROW-1618DH	1/2" x 9/16"	12	.30	1-1/64"-1-5/32"	1/2"	6-3/4"
8712**	8712	9/16" x 5/8"	12	.44	1-19/64"-1-7/16"	1/2"	8"
8713**	8713	9/16" x 3/4"	12	.44	1-19/64"-1-7/16"	1/2"	8"
8700	ROW-2022A	5/8" x 11/16"	12	.44	1-19/64"-1-7/16"	1/2"	8"
8701	ROW-2024*	5/8" x 3/4"	12	.48	1-19/64"-1-7/16"	1/2"	8"
9701**	9701	11/16" x 13/16"	12	.51	1-13/32"-1-37/64"	1/2"	9-1/8"
9781	ROW-2228	11/16" x 7/8"	12	.51	1-13/32"-1-37/64"	1/2"	9-1/8"
9700	ROW-2428*	3/4" x 7/8"	12	.55	1-13/32"-1-37/64"	1/2"	9-1/8"
9721	ROW-2630	13/16" x 15/16"	12	.51	1-13/32"-1-37/64"	1/2"	9-1/8"

SAE OFFSET INDIVIDUAL AIRCRAFT RATCHETING BOX WRENCHES

5709**	5709	7/32" x 9/32"	12	.13 lbs.	19/32"-43/64"	3/8"	4-1/4"
5717	ROW-1011DH	5/16" x 11/32"	12	.13	19/32"-43/64"	3/8"	4-1/4"

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

METRIC OFFSET

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

METRIC OFFSET INDIVIDUAL RATCHETING BOX WRENCHES

5704	ROWM-0708A	7mm x 8mm	6	.12 lbs.	19/32"-43/64"	3/8"	4-1/4"
5706	ROWM-0708DH	7mm x 8mm	12	.12	19/32"-43/64"	3/8"	4-1/4"
6704	ROWM-0910*	9mm x 10mm	6	.17	51/64"-57/64"	3/8"	5-7/16"
6705	ROWM-0910DH	9mm x 10mm	12	.17	51/64"-57/64"	3/8"	5-7/16"
7704	ROWM-1112	11mm x 12mm	6	.30	1-1/64"-1-5/32"	1/2"	6-3/4"
7705	ROWM-1112DH	11mm x 12mm	12	.30	1-1/64"-1-5/32"	1/2"	6-3/4"
7723	ROWM-1113*	11mm x 13mm	6	.30	1-1/64"-1-5/32"	1/2"	6-3/4"
7786	ROWM-1213DH	12mm x 13mm	12	.30	1-1/64"-1-5/32"	1/2"	6-3/4"
7724	ROWM-1214*	12mm x 14mm	6	.30	1-1/64"-1-5/32"	1/2"	6-3/4"
7706	ROWM-1314	13mm x 14mm	6	.30	1-1/64"-1-5/32"	1/2"	6-7/8"
7710	ROWM1314DH	13mm x 14mm	12	.30	1-1/64"-1-5/32"	1/2"	6-3/4"
8787	ROWM-1415	14mm x 15mm	12	.46	1-19/64"-1-7/16"	1/2"	8"
8704	ROWM-1517	15mm x 17mm	12	.46	1-19/64"-1-7/16"	1/2"	8"
8705	ROWM-1618	16mm x 18mm	12	.46	1-19/64"-1-7/16"	1/2"	8"
9704	ROWM-1921	19mm x 21mm	12	.50	1-13/32"-1-37/64"	1/2"	9-1/8"

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

PORTABLE TOOL CADDY

5362

5-PIECE SAE OFFSET CADDY WRENCH SET

Part No.	Description	Point
ROW-0810DH	1/4" x 5/16"	12
ROW-1214DH	3/8" x 7/16"	12
ROW-1618DH	1/2" x 9/16"	12
ROW-2024	5/8" x 3/4"	12
ROW-2228	11/16" x 7/8"	12

5363

5-PIECE METRIC OFFSET CADDY WRENCH SET

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



ROLL POUCH

ROWM-7P EDP#5497

7 PC. METRIC OFFSET WRENCH SET

Part No.	Description	Point
ROWM-0708	7mm x 8mm	6
ROWM-0910	9mm x 10mm	6
ROWM-1113	11mm x 13mm	6
ROWM-1214	12mm x 14mm	6
ROWM-1517	15mm x 17mm	12
ROWM-1618	16mm x 18mm	12
ROWM-1921	19mm x 21mm	12



VINYL POUCH

ROW-3 EDP#5493

3-PC. SAE OFFSET WRENCH SET

Part No.	Description	Point
ROW-0810	1/4" x 5/16"	6
ROW-1214	3/8" x 7/16"	6
ROW-1618	1/2" x 9/16"	6



VINYL POUCH

ROW-5 EDP#5495

5-PC. SAE OFFSET WRENCH SET

Part No.	Description	Point
ROW-0810	1/4" x 5/16"	6
ROW-1214	3/8" x 7/16"	6
ROW-1618	1/2" x 9/16"	6
ROW-2022	5/8" x 11/16"	12
ROW-2428	3/4" x 7/8"	12



ROWM-5 EDP#5496

5 PC. METRIC OFFSET WRENCH SET

Part No.	Description	Point
ROWM-0708	7mm x 8mm	6
ROWM-0910	9mm x 10mm	6
ROWM-1113	11mm x 13mm	6
ROWM-1214	12mm x 14mm	6
ROWM-1517	15mm x 17mm	12

