

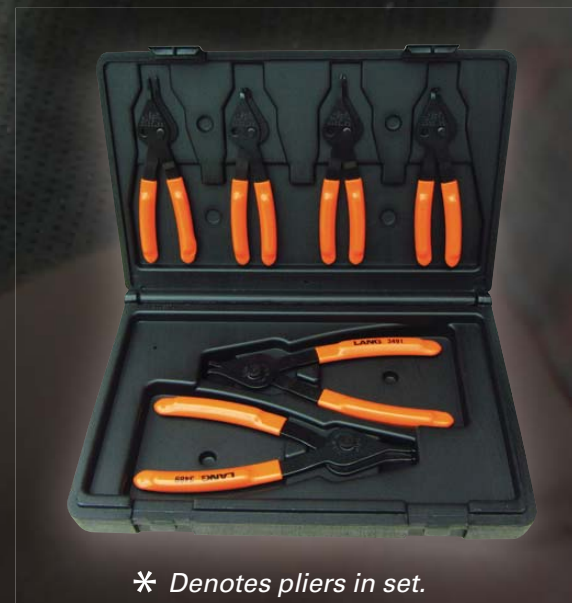
FIXED TIP RETAINING RING PLIERS

- Convertible for use on internal / external snap rings
- Cushioned grip handles
- Knurled center screw with spring for easy changing and secure hold
- Sets packaged in a plastic blow molded case for protection and easy use
- Individual pliers packaged in a plastic hanger

Part No.	Tip Diameter (in.)	Tip Angle	Nominal length (in.)
* 3483	.038	0°	6
* 3484	.038	45°	6
* 3485	.038	90°	6
* 3486	.047	0°	6
* 3487	.047	45°	6
* 3488	.047	90°	6
* 3489	.070	0°	7-1/2
* 3490	.070	45°	7-1/2
* 3491	.070	90°	7-1/2
* 3492	.090	0°	9-1/4
* 3493	.090	45°	9-1/4
* 3494	.090	90°	9-1/4



3497
6 PIECE COMBINATION
INTERNAL/EXTERNAL
SNAP RING PLIERS SET



* Denotes pliers in set.

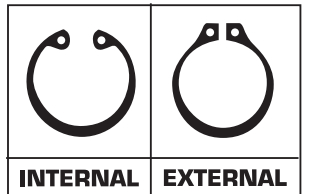
3495
12 PIECE COMBINATION
INTERNAL/EXTERNAL
SNAP RING PLIERS SET



Part No.	Description	Ring Size	
		SAE (Inch)	Metric
3495	Internal	3/8" - 3"	10mm - 76mm
	External	1/8" - 3-1/2"	3mm - 89mm
3497	Internal	3/8" - 2"	10mm - 51mm
	External	1/4" - 2"	7mm - 51mm

QUICK SWITCH CONVERTIBLE RETAINING RING PLIERS

- Convert between internal / external with a quick flip of a switch
- Eliminates the jaw aligning process
- Cushion grip, spring return handles
- Tip kit included with every pliers
- Patented



1421
QUICK SWITCH PLIERS WITH
ADJUSTABLE STOP AND TIP KIT

1434
QUICK SWITCH PLIERS
WITH TIP KIT

1435
QUICK SWITCH PLIERS WITH
ADJUSTABLE STOP AND TIP KIT

1450
2-PC. QUICK SWITCH
RETAINING RING PLIERS SET



- Contains Models: 1421 and 1434
- Tip Kits Include: color-coded, interchangeable tips and hex key

1485
HEAVY DUTY SNAP
RING PLIERS- INTERNAL



1486
HEAVY DUTY SNAP
RING PLIERS- EXTERNAL



75
QUICK SWITCH PLIERS WITH
AUTOMATIC RATCHET LOCK
AND TIP KIT



- Automatic ratchet lock feature keeps rings open or closed for easy installation and removal

1465
3-PC. QUICK SWITCH
RETAINING RING PLIERS SET



- Contains Models: 1421, 1434 & 75
- Tip Kits Include: color-coded, interchangeable tips and hex key

- Spring ratchet locking mechanism securely holds against snap ring tension
- Optional .120", 45° & 90° tips available (sold separately)

Part No.	Description	Ring Size	
		SAE (Inch)	Metric
1421	Internal	1/4" - 1"	7mm - 26mm
	External	1/8" - 1"	3mm - 26mm
1434	Internal	3/8" - 2"	10mm - 51mm
	External	1/4" - 2"	7mm - 51mm
1435	Internal	3/8" - 2"	10mm - 51mm
	External	1/4" - 2"	7mm - 51mm
75	Internal	1-13/16" - 4"	46mm - 102mm
	External	1-1/2" - 4"	32mm - 102mm
1450	Internal	1/4" - 2"	7mm - 51mm
	External	1/8" - 2"	3mm - 51mm
1465	Internal	1/4" - 4"	7mm - 102mm
	External	1/8" - 4"	3mm - 102mm
1485	Internal	3-1/16" - 6-1/4"	78mm - 159mm
1486	External	3-1/2" - 6-1/2"	89mm - 165mm

Part No.	Tips	Tip Sizes	
		SAE (Inch)	Metric
1421	Straight	0.023", 0.039", 0.047"	0.6mm, 1.0mm, 1.2mm
	Bent 90°	0.039", 0.047"	1.0mm, 1.2mm
1434	Straight	0.039", 0.047", 0.074"	1.0mm, 1.2mm, 1.9mm
	Bent 90°	0.039", 0.047"	1.0mm, 1.2mm
1435	Straight	0.039", 0.047", 0.074"	1.0mm, 1.2mm, 1.9mm
	Bent 90°	0.039", 0.047"	1.0mm, 1.2mm
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
	Straight	0.023", 0.039", 0.047", 0.074"	0.6mm, 1.0mm, 1.2mm, 1.9mm
1450	Bent 90°	0.039", 0.047"	1.0mm, 1.2mm
	Straight	0.023", 0.039", 0.047", 0.074"	0.6mm, 1.0mm, 1.2mm, 1.9mm
	Bent 15°	0.090", 0.108", 0.120"	2.3mm, 2.7mm, 3.0mm
1465	Bent 70°	0.090", 0.108", 0.120"	2.3mm, 2.7mm, 3.0mm
	Bent 90°	0.039", 0.047"	1.0mm, 1.2mm
	Straight	0.023", 0.039", 0.047", 0.074"	0.6mm, 1.0mm, 1.2mm, 1.9mm
1485	Straight	0.120"	3.0mm
1486	Straight	0.120"	3.0mm