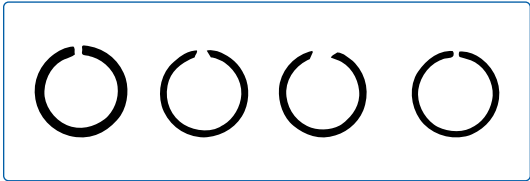


LOCK RING PLIERS

FIXED TIP AND REPLACEABLE TIP PLIERS FOR EXTERNAL RINGS WITHOUT PICKUP HOLES

- For industrial and power transmission lock ring applications.
- Spring return for ease of operation.
- Cushion grips.



FIXED TIP LOCK RING PLIERS

PART NO.	DESCRIPTION	NOM. LENGTH (in.)
IR-15R	Small, Auto Transmission	7-1/2
IR-47R	Standard (NSN 5120-00-595-9551)	8-1/2
IR-48R	Thin Nose	8-1/2
IR-601R	Auto Transmission	9-1/2
IR-602R	Heavy Duty	8-1/2

REPLACEABLE TIP LOCK RING PLIERS

PART NO.	DESCRIPTION	NOM. LENGTH (in.)
IR-LRRL	External Pliers with IR-47R style tips, ratchet lock & spring return	10-1/2
IR-LRS	External Pliers with IR-47R style tips & spring return	14
IR-LHS	Horseshoe style tips (1 pair) for above pliers	



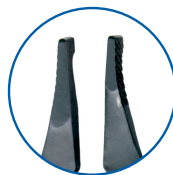
IR-48R



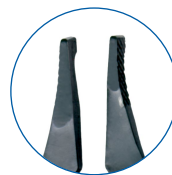
IR-601R



IR-602R



IR-LRRL



IR-LRS



RETAINING RING PLIERS REFERENCE GUIDE

PART NO.	DESCRIPTION	TIP DIA. (in.)	TIP ANGLE	RING TYPE		TIP STYLE		GRIPS	SPRING	STOP	RATCHET LOCK	MILBAR® REF#
				Int. (Housing)	Ext. (Shaft)	FIXED	REPLACE.					
INDUSTRIAL PLIERS												
IR-2184R	Mini Industrial (NSN 5120-00-024-9527)	.023	45°		•	•			•			2184R
IR-2129R	Mini Industrial	.023	90°		•	•			•			2129R
IR-2159R	Mini Industrial	.023	90°		•	•			•			2159R
IR-2189R	Mini Industrial (NSN 5120-00-024-9528)	.023	90°		•	•			•			2189R
IR-250H	Industrial Pliers (NSN 5120-00-596-8665)	.025	0°	•		•		•	•	•		101R
IR-2545H	Industrial Pliers	.025	45°	•		•		•	•	•		10145R
IR-2590H	Industrial Pliers (NSN 5120-00-024-9531)	.025	90°	•		•		•	•	•		10190R
IR-380S	Industrial Pliers (NSN 5120-00-288-9717)	.038	0°		•	•		•	•	•		2R
IR-380H	Industrial Pliers (NSN 5120-00-293-0048)	.038	0°	•		•		•	•	•		1R
IR-3845S	Industrial Pliers (NSN 5120-00-288-9716)	.038	45°		•	•		•	•	•		245R
IR-3845H	Industrial Pliers	.038	45°	•		•		•	•	•		145R
IR-3890S	Industrial Pliers (NSN 5120-00-408-1434)	.038	90°		•	•		•	•	•		290R
IR-3890H	Industrial Pliers	.038	90°	•		•		•	•	•		190R
IR-470S	Industrial Pliers	.047	0°		•	•		•	•	•		202R
IR-470H	Industrial Pliers	.047	0°	•		•		•	•	•		102R
IR-4745S	Industrial Pliers	.047	45°		•	•		•	•	•		20245R
IR-4745H	Industrial Pliers	.047	45°	•		•		•	•	•		10245R
IR-4790S	Industrial Pliers	.047	90°		•	•		•	•	•		20290R
IR-700S	Industrial Pliers (NSN 5120-00-293-0049)	.070	0°		•	•		•	•	•		4R
IR-700H	Industrial Pliers (NSN 5120-00-293-0045)	.070	0°	•		•		•	•	•		3R
IR-7045S	Industrial Pliers (NSN 5120-00-640-6352)	.070	45°		•	•		•	•	•		445R
IR-7045H	Industrial Pliers (NSN 5120-00-801-0957)	.070	45°	•		•		•	•	•		345R
IR-7090S	Industrial Pliers (NSN 5120-00-024-9529)	.070	90°		•	•		•	•	•		490R
IR-7090H	Industrial Pliers (NSN 5120-00-595-9532)	.070	90°	•		•		•	•	•		390R
IR-900H	Industrial Pliers (NSN 5120-00-293-0046)	.090	0°	•		•		•	•	•		5R
IR-9045H	Industrial Pliers (NSN 5120-00-520-9863)	.090	45°	•		•		•	•	•		545R
IR-9090H	Industrial Pliers (NSN 5120-00-602-4845)	.090	90°	•		•		•	•	•		590R
IR-1150S	Industrial Pliers (NSN 5120-00-293-0047)	.115	0°		•	•		•	•			66R
IR-11590S	Industrial Pliers (NSN 5120-00-892-5919)	.115	90°		•	•		•	•			6690R
UTILITY PLIERS												
IR-250HU	Utility Pliers (NSN 5120-00-596-1106)	.025	0°	•		•						2101R
IR-2545HU	Utility Pliers (NSN 5120-00-640-6357)	.025	45°	•		•						210145R
IR-2590HU	Utility Pliers	.025	90°	•		•						210190R
IR-380HU	Utility Pliers (NSN 5120-00-293-2514)	.038	0°	•		•						21R
IR-380SU	Utility Pliers (NSN 5120-00-292-2513)	.038	0°		•	•						22R
IR-3845HU	Utility Pliers (NSN 5120-00-640-6356)	.038	45°	•		•						2145R
IR-3845SU	Utility Pliers (NSN 5120-00-640-6353)	.038	45°		•	•						2245R
IR-3890HU	Utility Pliers	.038	90°	•		•						2190R
IR-3890SU	Utility Pliers (NSN 5120-00-752-9755)	.038	90°		•	•						2290R
IR-470HU	Utility Pliers	.047	0°	•		•						2102R
IR-4745HU	Utility Pliers	.047	45°	•		•						210245R
IR-4745SU	Utility Pliers	.047	45°		•	•						220245R
IR-4790HU	Utility Pliers	.047	90°	•		•						210290R
IR-4790SU	Utility Pliers	.047	90°		•	•						220290R
IR-700HU	Utility Pliers (NSN 5120-00-596-0711)	.070	0°	•		•						23R
IR-700SU	Utility Pliers (NSN 5120-00-595-9555)	.070	0°		•	•						24R
IR-7045HU	Utility Pliers (NSN 5120-00-640-6355)	.070	45°	•		•						2345R
IR-7045SU	Utility Pliers	.070	45°		•	•						2445R
IR-7090HU	Utility Pliers	.070	90°	•		•						2390R
IR-7090SU	Utility Pliers	.070	90°		•	•						2490R
IR-90HU	Utility Pliers (NSN 5120-00-595-0554)	.090	0°	•		•						25R
IR-9090HU	Utility Pliers (NSN 5120-00-793-5052)	.090	90°	•		•						2590R
IR-1150SU	Utility Pliers (NSN 5120-00-293-0044)	.115	0°		•	•						266R
IR-11545SU	Utility Pliers	.115	45°		•	•						26645R
LOCK RING PLIERS												
IR-15R	Small, Auto Transmission				•	•		•	•			15R
IR-47R	Standard (NSN 5120-00-595-9551)				•	•		•	•			47R
IR-48R	Thin Nose				•	•		•	•			48R
IR-601R	Auto Transmission				•	•		•	•			601R
IR-602R	Heavy Duty				•	•		•	•			602R
IR-LRRL	Lock Ring Pliers with Ratchet Lock, IR-47R Style Tips				•		•	•	•		•	2836R
IR-LRS	Lock Ring Pliers with IR-47R Style Tips				•		•	•	•			4936R