

RETAINING RING PLIERS REFERENCE GUIDES

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.					
CONVERTIBLE PLIERS												
IR-3818C	CAM-LOCK™ Convertible	.038	18°	●	●	●		●	●			120418R
IR-3890C	CAM-LOCK™ Convertible	.038	90°	●	●	●		●	●			120490R
IR-4718C	CAM-LOCK™ Convertible	.047	18°	●	●	●		●	●			320418R
IR-4790C	CAM-LOCK™ Convertible	.047	90°	●	●	●		●	●			320490R
IR-7018C	CAM-LOCK™ Convertible	.070	18°	●	●	●		●	●			340418R
IR-7090C	CAM-LOCK™ Convertible	.070	90°	●	●	●		●	●			340490R
IR-4CK	4-pc. CAM-LOCK™ Kit w/Storage Tray	.038, .070	18°, 90°	●	●	●		●	●			4304R
IR-6CK	6-pc. CAM-LOCK™ Kit w/Storage Case	.038, .047, .070	18°, 90°	●	●	●		●	●			4306R
IR-38Q	Qtr-Turn® Convertible	.038	0°	●	●	●		●				1202R
IR-3845Q	Qtr-Turn® Convertible	.038	45°	●	●	●		●				120245R
IR-3890Q	Qtr-Turn® Convertible	.038	90°	●	●	●		●				120290R
IR-47Q	Qtr-Turn® Convertible	.047	0°	●	●	●		●				3202R
IR-4745Q	Qtr-Turn® Convertible	.047	45°	●	●	●		●				320245R
IR-4790Q	Qtr-Turn® Convertible	.047	90°	●	●	●		●				320290R
IR-70Q	Qtr-Turn® Convertible	.070	0°	●	●	●		●				3402R
IR-7045Q	Qtr-Turn® Convertible	.070	45°	●	●	●		●				340245R
IR-7090Q	Qtr-Turn® Convertible	.070	90°	●	●	●		●				340290R
IR-90Q	Qtr-Turn® Convertible	.090	0°	●	●	●		●				5602R
IR-9045Q	Qtr-Turn® Convertible	.090	45°	●	●	●		●				560245R
IR-9090Q	Qtr-Turn® Convertible	.090	90°	●	●	●		●				560290R
IR-120K	Qtr-Turn® 12-Pc. Kit (1 ea size) w/Storage Case	.038, .047, .070, .090	0°, 45°, 90°	●	●	●		●				1225R
IR-60K	Qtr-Turn® 6-Pc. Kit w/Storage Case	.038, .047, .070	0°, 90°	●	●	●		●				625R
IR-38	Standard Convertible (NSN 5120-00-089-0874)	.038	0°	●	●	●		●				12R
IR-3845	Standard Convertible (NSN 5120-00-930-9186)	.038	45°	●	●	●		●				1245R
IR-3890	Standard Convertible	.038	90°	●	●	●		●				1290R
IR-47	Standard Convertible	.047	0°	●	●	●		●				32R
IR-4745	Standard Convertible	.047	45°	●	●	●		●				3245R
IR-4790	Standard Convertible	.047	90°	●	●	●		●				3290R
IR-70	Standard Convertible	.070	0°	●	●	●		●				34R
IR-7045	Standard Convertible	.070	45°	●	●	●		●				3445R
IR-7090	Standard Convertible	.070	90°	●	●	●		●				3490R
IR-90	Standard Convertible	.090	0°	●	●	●		●				56R
IR-9045	Standard Convertible	.090	45°	●	●	●		●				5645R
IR-9090	Standard Convertible	.090	90°	●	●	●		●				5690R
IR-12K	12-Pc. Professional Std. Conv. Kit w/Storage Case	.038, .047, .070, .090	0°, 45°, 90°	●	●	●		●				43R
IR-045K	6-Pc. Std. Conv. Kit w/Custom Molded Storage Case	.038, .047, .070	0°, 45°	●	●	●		●				4645R
IR-090K	6-Pc. Std. Conv. Kit w/Custom Molded Storage Case	.038, .047, .070	0°, 90°	●	●	●		●				4690R
IR-47700K	2-Pc. Std. Conv. Kit in Plastic Case	.047, .070	0°	●	●	●		●				42R
IR-477045K	2-Pc. Std. Conv. Kit in Plastic Case	.047, .070	45°	●	●	●		●				4245R
IR-477090K	2-Pc. Std. Conv. Kit in Plastic Case	.047, .070	90°	●	●	●		●				4290R
IR-6CKCASE	Custom Molded Storage Case for 6-Pc. CAM-LOCK™ Kit											4601R
IR-12KCASE	Custom Molded Storage Case for 12-Pc. Standard Kit											4301R
IR-120KCASE	Custom Molded Storage Case for 12-Pc. Qtr-Turn™ Kit											4301R
IR-60KCASE	Custom Molded Storage Case for 6-Pc. Qtr-Turn™ Kit											4601R
IR-6KCASE	Custom Molded Storage Case for 6-Pc. Standard Kit											4601R
REPLACEABLE TIP PLIERS												
IR-120S	Large, Ratchet Lock	.120	0°	●	●	●		●			●	8R
IR-120H	Large, Ratchet Lock	.120	0°	●	●	●		●			●	7R
IR-12045S	Large, Ratchet Lock	.120	45°	●	●	●		●			●	845R
IR-12045H	Large, Ratchet Lock	.120	45°	●	●	●		●			●	745R
IR-12090S	Large, Ratchet Lock	.120	90°	●	●	●		●			●	890R
IR-12090H	Large, Ratchet Lock	.120	90°	●	●	●		●			●	790R
IR-150H	Extra Large, Ratchet Lock	.150	0°	●	●	●		●			●	71R
IR-15045H	Extra Large, Ratchet Lock	.150	45°	●	●	●		●			●	7145R
IR-15090H	Extra Large, Ratchet Lock	.150	90°	●	●	●		●			●	7190R
IR-170S	Extra Large, Ratchet Lock	.170	0°	●	●	●		●			●	68R
IR-17045S	Extra Large, Ratchet Lock	.170	45°	●	●	●		●			●	6845R
IR-17090S	Extra Large, Ratchet Lock	.170	90°	●	●	●		●			●	6890R
IR-44S	External Pliers, Replaceable Tip	.038, .047, .070	0°, 45°, 90°	●	●	●		●				4460R
IR-44H	Internal Pliers, Replaceable Tip	.038, .047, .070	0°, 45°, 90°	●	●	●		●				4450R
IR-44K	Replaceable Tip Retaining Ring Pliers, Kit (2 pr. pliers, tip kit)	.038, .047, .070	0°, 15°, 45°, 90°	●	●	●		●				4440R
IR-44MK	SAE & Metric Kit, Hang Card (2 pr. pliers, tip kit)	.038, .047, .070, .093	0°, 15°, 45°, 90°	●	●	●		●				44R
IR-50S	Heavy Duty External Pliers			●	●	●		●			●	28R08
IR-50H	Heavy Duty Internal Pliers			●	●	●		●			●	27R08
IR-50K	Heavy Duty Retaining Ring Pliers (2 pr. pliers, tip kit & storage case)	.108, .120	0°, 15°, 45°, 90°	●	●	●		●			●	50R
INDUSTRIAL PLIERS												
IR-230S	Mini Industrial, Shielded (NSN 5120-00-595-9550)	.023	0°	●	●	●		●				0012R
IR-0015R	Mini Industrial, Shielded (NSN 5120-00-595-9548)	.023	0°	●	●	●		●				0015R
IR-0018R	Mini Industrial, Shielded (NSN 5120-00-288-9711)	.023	0°	●	●	●		●				0018R
IR-2124R	Mini Industrial (NSN 5120-00-892-4890)	.023	45°	●	●	●		●				2124R
IR-2154R	Mini Industrial	.023	45°	●	●	●		●				2154R

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				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-4790H	Industrial Pliers	.047	90°	●		●		●	●	●		10290R
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-11545S	Industrial Pliers	.115	45°		●	●		●	●	●		6645R
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-470SU	Utility Pliers	.047	0°		●	●						2202R
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-9045HU	Utility Pliers (NSN 5120-00-640-6354)	.090	45°	●		●						2545R
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
IR-11590SU	Utility Pliers (NSN 5120-00-082-8359)	.115	90°		●	●						26690R
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