

# Thread Repair Kits



Recoil's innovative and cost-effective thread repair kits are utilized worldwide in industrial and automotive maintenance situations. Each kit contains:

- Quality high speed steel (HSS) ground thread intermediate (plug or 2nd) tap
- Quantity of inserts
- Installation / tang break tool
- Easy to follow instructions
- Sturdy reusable container
- Recommended drill size on the label

Spark plug kits have pilot nose taps for accurate self alignment eliminating the need for drilling.

The table below denotes the Recoil Insert Kit part numbers for each available thread size together with details of insert quantities included with each thread repair kit. Range kits include a number of popular sizes in metric, inch or a combination suited to particular industries.

METRIC COARSE THREAD	PART NO	INSERTS PER KIT	METRIC MEDIUM THREAD	PART NO	INSERTS PER KIT	METRIC EXTRA FINE	PART NO	INSERTS PER KIT	SPARK PLUG THREAD	PART NO	INSERTS PER KIT
M2 x 0.4	35020	10									
M2.2 x .45	35010	10									
M2.5 x .45	35250	10									
M3 x 0.5	35030	10									
M3.5 x 0.6	35350	10									
M4 x 0.7	35040	10									
M5 x 0.8	35050	10									
M6 x 1.0	35060	10									
M7 x 1.0	35070	10									
M8 x 1.25	35080	10	M8 x 1	37080	10						
M9 x 1.25	35090	10	M9 x 1	37090	10						
M10 x 1.5	35100	10	M10 x 1.25	37100	10	M10 x 1.0	38101	10	M10 x 1.0	38100	10
M11 x 1.5	35110	5	M11 x 1.25	37110	5	M11 x 1.0	38110	5			
M12 x 1.75	35120	5	M12 x 1.5	37120	5	M12 x 1.25	38121	5	M12 x 1.25	38120	10
M13 x 1.75	35130	5	M13 x 1.5	37130	5	M13 x 1.25	38130	5			
M14 x 2.0	35140	5	M14 x 1.5	37140	5	M14 x 1.25	38141	5	M14 x 1.25	38140	10
M15 x 2.0	35150	5	M15 x 1.5	37150	5						
M16 x 2.0	35160	5	M16 x 1.5	37160	5						
M18 x 2.5	35180	5	M18 x 2.0	37180	5	M18 x 1.5	38181	5	M18 x 1.5	38180	5
M20 x 2.5	35200	5	M20 x 2.0	37200	5	M20 x 1.5	38200	5			
M22 x 2.5	35220	5	M22 x 2.0	37220	5	M22 x 1.5	38220	5			
M24 x 3.0	35240	5	M24 x 2.0	37240	5	M24 x 1.5	38240	5			
M27 x 3.0	35270	5	M27 x 2.0	37270	5	M27 x 1.5	38270	5			
M30 x 3.5	35300	5	M30 x 2.0	37300	5	M30 x 1.5	38300	5			
M30 x 3.0	35300-3	5									
M36 x 4.0	35360	4	M36 x 3.0	37360	4	M36 x 1.5	38360	4			
M39 x 4.0	35390	5	M39 x 3.0	37390	5	M39 x 2.0	38390	5			
M42 x 4.5	35420	5	M42 x 3.0	37420	4						
M42 x 4.0	35420-4	4									

**Recoil Kits are available in both single size and Range-Kit versions.**

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UNC THREAD SIZE	PART NO.	PCS/ KIT	UNF THREAD SIZE	PART NO.	PCS/ KIT	BSF THREAD SIZE	PART NO.	PCS/ KIT
#2-56	33520	10	#3-56	34530	10	3/16-32	30030	10
#3-48	33530	10	#4-48	34540	10	1/4-26	30040	10
#4-40	33540	10	#6-40	34560	10	5/16-22	30050	10
#5-40	33550	10	#8-36	34580	10	3/8-20	30060	10
#6-32	33560	10	#10-32	34600	10	7/16-18	30070	5
#8-32	33580	10	#12-28	34620	10	1/2-16	30080	5
#10-24	33600	10	1/4-28	34040	10	9/16-16	30090	5
#12-24	33620	10	5/16-24	34050	10	5/8-14	30100	5
1/4-20	33040	10	3/8-24	34060	10	3/4-12	30120	5
5/16-18	33050	10	7/16-20	34070	5	7/8-11	30140	5
3/8-16	33060	10	1/2-20	34080	5	1-10	30160	5
7/16-14	33070	5	9/16-18	34090	5	1 1/4-9	30200	5
1/2-13	33080	5	5/8-18	34100	5	<b>BSW THREAD SIZE</b>	<b>PART NO.</b>	<b>PCS/ KIT</b>
9/16-12	33090	5	3/4-16	34120	5	1/8-40	32020	10
5/8-11	33100	5	7/8-14	34140	5	3/16-24	32030	10
11/16-11	33110	5	1 - 12	34160	5	1/4-20	32040	10
3/4-10	33120	5	1 - 14	34160-14	5	5/16-18	32050	10
7/8-9	33140	5	1 1/8-12	34180	5	3/8-16	32060	10
1 - 8	33160	5	1 1/4-12	34200	5	7/16-14	32070	5
1 1/8-7	33180	5	1 3/8-12	34220	5	1/2-12	32080	5
1 1/4-7	33200	5	1 1/2-12	34240	4	9/16-12	32090	5
1 3/8-6	33220	5	<b>BSC OR BRASS</b>	<b>PART NO.</b>	<b>PCS/ KIT</b>	5/8-11	32100	5
1 1/2-6	33240	4	1/4-26	30040	10	3/4-10	32120	5
<b>NPT THREAD SIZE</b>	<b>PART NO.</b>	<b>PCS/ KIT</b>	5/16-26	36500	10	7/8-9	32140	5
1/8-27	36020	10	3/8-26	36600	10	1-8	32160	5
1/4-18	36040	10	7/16-26	36700	5	1 1/8-7	32180	5
3/8-18	36060	10	1/2-26	36800	5	1 1/4-7	32200	5
1/2-14	36080	5				1 3/8-6	32220	5
3/4-14	36120	5				1 1/2-6	32240	5

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BSP			8 TPI UN			BA		
THREAD SIZE	PART NO.	PCS/KIT	THREAD SIZE	PART NO.	PCS/KIT	THREAD SIZE	PART NO.	PCS/KIT
1/8-28	31020	10	1 1/8-8	36180	5			
1/4-19	31040	10	1 1/4-8	36200	5			
3/8-19	31060	5	1 3/8-8	36220	5	0 BA	30500	10
1/2-14	31080	5	1 1/2-8	36240	4	2 BA	30520	10
5/8-14	31100	5	1 5/8-8	36260	4	4 BA	30540	10
3/4-14	31120	5	1 3/4-8	36280	4	6 BA	30560	10
1 - 11	31160	5	1 7/8-8	36300	4			
			2 - 8	36320	4			
SPECIAL			RANGE KITS					
THREAD SIZE	PART NO.	PCS/KIT	PART NO.			SIZES INCLUDE		
UNEF								
1/4-32	34040-32	10	33004	UNC - 1/4-20, 5/16-18, 3/8-16, 7/16-14, 1/2-13				
HARLEY			34004	UNF - 1/4-28, 5/16-24, 3/8-24, 7/16-20, 1/2-20				
1/4-24	34040-24	10	32004	BSW - 1/4-20, 5/16-18, 3/8-16, 7/16-14, 1/2-12				
7/16-16	34070-16	10	35004	METRIC - ISO - M5x.8, M6x1, M8x1.25, M10x1.5, M12x1.75				
CARBURETOR			35005	METRIC - ISO - M6x1, M8x1.25, M10x1.5, M12x1.75, M16x2				
7/8-20	34140-20	5	38006	M/C (M/cycle) - M6x1, M8x1.25, M10x1, M10x1.25, M12x1.25, M14x1.25				
1 - 20	34160-20	5	38007	O.P.E. (Outdoor Power Equip't) - M5x.8, M6x1, M8x1.25, M14x1.25, 1/4-20, 5/16-18				
CUMMINS			38008	VW - M6x1, M7x1, M8x1.25, M10x1.5, M12x1.5, M14x1.25				
11/16-16	34110-16	5	30004	BSF - 1/4-26, 5/16-22, 3/8-20, 7/16-18, 1/2-16				
			33005	M6x1, M8x1.25, M10x1.5, M12x1.75, M14x1.25				

Specials can be provided to suit your particular requirements