



# THREAD REPAIR INSERTS & KITS

## FOR FAST PERMANENT REPAIR OF DAMAGED PLATEN HOLE THREADS

BY  
RECOIL



### FEATURES

- 18-8 TYPE 304 STAINLESS STEEL.
- SIMPLE AND EASY TO USE.
- MAXIMUM ASSEMBLY STRENGTH.
- REDUCED THREAD WEAR.
- CORROSION RESISTANT.
- DESIGN FLEXIBILITY.
- STRONGER ASSEMBLIES.
- TEMPERATURE RATING: 800°F (425°C)
- LOW COST.
- WEIGHT SAVING.
- INTERCHANGEABLE WITH OTHER HELICALLY WOUND SYSTEMS (HELI-COIL, PERMA THD., FEDERAL, ETC...)
- BETTER THAN ORIGINAL IN MOST APPLICATIONS.
- REPAIR KITS CONSIST OF HIGH QUALITY TAP, INSERT TOOL, INSERTS AND INSTRUCTIONS; ALL COME IN A REUSABLE METAL BOX (DRILL BIT NOT INCLUDED).

**ISO-9001**

MANUFACTURED IN A  
QUALITY SYSTEM CERTIFIED  
FACILITY.

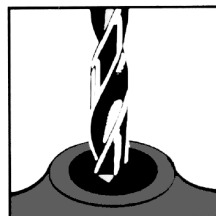
THREAD SIZE	INSERTS PER KIT	PPE PART NO.	PRICE EACH
4-40	10	RC33540	\$27.65
5-40	10	RC33550	27.65
6-32	10	RC33560	24.75
8-32	10	RC33580	24.95
10-24	10	RC33600	26.20
12-24	10	RC33620	26.40
1/4-20	10	RC33040	26.75
5/16-18	10	RC33050	28.60
3/8-16	10	RC33060	31.35
7/16-14	5	RC33070	32.75
1/2-13	5	RC33080	38.90
9/16-12	5	RC33090	48.60
5/8-11	5	RC33100	56.20
3/4-10	5	RC33120	68.50
7/8-9	5	RC33140	111.80
1"-8	5	RC33160	140.65
1-1/8-7	5	RC33180	170.50
1-1/4-7	5	RC33200	199.75
1-3/8-6	5	RC33220	223.90
1-1/2-6	4	RC33240	248.90
M12x1.75	5	MR35120	40.85
M14x2	5	MR35140	55.85
M16x2	5	MR35160	65.00
M20x2.5	5	MR35200	110.80
M24x3	5	MR35240	167.05

Thread pack insert length is 1.5 times the screw diameter.  
Other length inserts can be purchased separately.

BULK THREAD REPAIR INSERTS				
THREAD SIZE	INSERT LENGTH	PPE PART NO.	PRICE EACH	
			1-23	24+
1/4 - 20	.375"	RC03043	\$.24	\$.23
1/4 - 20	.500"	RC03044	.26	.25
3/8 - 16	.563"	RC03063	.24	.23
3/8 - 16	.750"	RC03064	.33	.31
1/2 - 13	.750"	RC03083	.38	.36
1/2 - 13	1.000"	RC03084	.52	.50
5/8 - 11	.983"	RC03103	.88	.84
5/8 - 11	1.250"	RC03104	1.11	1.06
3/4 - 10	1.125"	RC03123	1.26	1.21
3/4 - 10	1.500"	RC03124	1.53	1.47
1" - 8	1.500"	RC03163	2.20	2.10
1" - 8	2.000"	RC03164	2.68	2.56
M12x1.75	18.0mm	MR05123	.56	.53
M14x2	21.0mm	MR05143	2.48	2.38
M16x2	24.0mm	MR05163	3.26	3.12
M20x2.5	30.0mm	MR05203	5.45	5.22
M24x3	36.0mm	MR05243	5.67	5.43

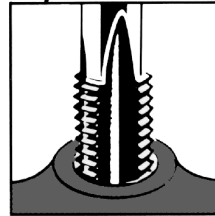
**RECOIL**  
IN STOCK  
READY TO ORDER!

#### Drill



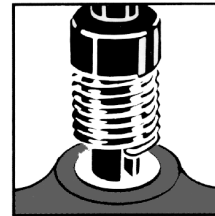
Drill to clear out the damaged thread (if necessary).

#### Tap



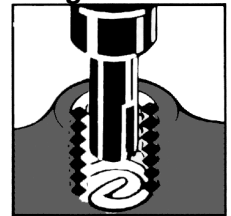
Thread insert tap supplied. Tap thread should match up with bolt.

#### Install



Wind insert in with light downward pressure until 1/4 to 1/2 turn below surface, driving tang towards bottom of the hole.

#### Tang Removal



Remove tool and sit back on top of tang. Tap down sharply. Do not try to twist tang off. Sparkplug and large fine threads, use long nose pliers and pull tang out.



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