

KATO® Pro-Kits®



KATO Pro-Kits® are the world's first Tangless MRO / thread repair kit designed for professionals. KATO Pro-Kits are ideal for mechanics, maintenance departments, original equipment manufacturers, machine shops, restoration shops and prototype fabricators.

The KATO Pro-Kits are truly professional grade thread repair kits. Designed by KATO engineers, Pro-Kits consist of Aerospace quality free-running KATO Tangless inserts (made from 304 stainless steel), nickel plated production grade installation tool, HSS STI tap and drill bit. KATO Pro-Kits are available in the most popular unified and metric thread sizes and are ideal for aerospace, aviation, automotive, commercial applications and much more!

Damaged threads can be brought back to the original thread size and made better than new. Thread wear, corrosion and galling will be virtually eliminated. Assembly will be even stronger than the original. KATO Pro-Kits contain everything needed to get the job done from start to finish.

The World's First Tangless MRO / Thread Repair Kit

KATO Pro-Kits Save Time and Money!



Proudly made in the USA

- Tangless inserts are bi-directional, no need to orient the insert for installation.
- FOD-Free Design, no foreign object or debris.
- Non-destructive removal and depth adjustment.
- No tangs to break-off, retrieve or lose.

KATO Pro-Kits Contain:

Tangless Inserts



30 aerospace quality free-running inserts, 10 each in three nominal lengths (1D, 1.5D and 2D).

Installation Tool

A production grade (all steel) installation tool. Nickel plated and designed for thousands of installations.

STI Tap

HSS STI tap to cut the correct thread profile required to accept the insert.

Drill Bit

The proper drill size to drill out the damaged threads.

Part Numbers

Thread Size	KATO Pro-Kits	Total Inserts Per Kit
Unified Coarse		
2-56	2KPRC-02	30
4-40	2KPRC-04	30
6-32	2KPRC-06	30
8-32	2KPRC-2	30
10-24	2KPRC-3	30
1/4-20	2KPRC-4	30
5/16-18	2KPRC-5	30
3/8-16	2KPRC-6	30
7/16-14*	2KPRC-7	30
1/2-13*	2KPRC-8	30
Unified Fine		
10-32	2KPRF-3	30
1/4-28	2KPRF-4	30
5/16-24	2KPRF-5	30
3/8-24	2KPRF-6	30
7/16-20	2KPRF-7	30
1/2-20	2KPRF-8	30
Metric Coarse		
M2.5X.45	2KPRM-2.5	30
M3X.5	2KPRM-3	30
M4X.7	2KPRM-4	30
M5X.8	2KPRM-5	30
M6X1	2KPRM-6	30
M8X1.25	2KPRM-8	30
M10X1.5	2KPRM-10	30
M12X1.75	2KPRM-12	30
Metric Fine		
M10X1.25	2KPRM-10X1.25	30
M12X1.25	2KPRM-12X1.25	30
M14X1.5	2KPRM-14X1.5	30
M16X1.5	2KPRM-16X1.5	30

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KATO Authorized Distributor