

Recoil® Tang Break Tool

Pneumatic Tang Break Tool

The pneumatic tang break tool is designed for high volume applications where rapid, effortless tang removal is required on insert sizes up to 3/4" or M20. This tool works on the same basis as the spring loaded tool, except the pin punches downward when an air cylinder is actuated by the valve.

Recoil Tang Break Off Tools

Tang break off tools are available in hand, semi automatic spring type and pneumatic. The spring loaded and pneumatic tang break tools are recommended for removal of tangs in production applications. For large diameter fine thread inserts, e.g. M18-1.5 and above, 3/4-16 and above, the use of long nose pliers is an alternative method to break the tang.

Manual Tang Break Tool

The simple Recoil manual magnetic tang removal tool is suitable for low volume tang removal and is used for insert sizes up to 1/2" or M12. The magnet allows for easy retrieval of the tang.

On larger sizes the multipurpose Recoil installation and tang break tool should be used. For tang removal, the tool is simply lifted and turned 90°, which will put the slot at right angles to the tang, then pushed downward with a sharp blow.

Spring Loaded Tang Break Tool

Spring loaded tang break tools offer effective removal of insert tangs and are suited from medium to large insert usage. Being spring loaded this tool requires no external power source and is suitable for tang removal on insert sizes up to 1/2" or M12. This tool is a spring loaded punch and when the tool is pushed down, the pin punches downward breaking off the tang.

Recoil Tang Break Tool Part Numbers

Insert Size	Manual Tang Break	Spring (ATBO) Type	Pneumatic Type
#2-56, M2-0.4, M2.2-0.45	59060M	59061	-
#3-48, #3-56, 6BA, M2.5-0.45	59070M	59071	-
#4-40, #4-48	59080M	59081	-
#5-40, 1/8-40, M3-0.5	59090M	59091	-
#6-32, #6-40, 4BA, M3.5-0.6	59100M	59101	-
#8-32, #8-36, 5/32, M4-0.7	59130M	59121	-
#10-24, #3/16-24, 2BA	59140M	59141	-
#10-32, #12-24, #12-28, 3/16-32, M5-0.8	59160M	59141	-
1/4-20, 1/4-28, 1/4-20, 1/4-26, 1/4-24, 0BA, M6-1	59190M	59181	59192
5/16-18, M7-1	59220M	59241	59252
5/16-24, 5/16-22, 5/16-26, M8-1, M8-1.25	59250M	59241	59252
3/8-16, 3/8-24, 3/8-20, M9-1, M9-1.25, M10-1.5	59280M	59291	59252
3/8-26, 7/16-14, 7/16-20, 1/8 BSP/NPT, M10-1, M10-1.25	59310M	59291	59252
7/16-14BSW, 7/16-18BSF, 7/16-16, 7/16-26, M11-1, M11-1.25, M11-1.5	59340M	-	-
1/2-13, 1/2-20, 1/2-12, 1/2-16, 1/2-26, M12-1, M12-1.25, M12-1.5, M12-1.75	59380M	59331	59332
M14-1.5	-	-	59462

