

Tang break-off and extraction tools for **HELICOIL®**

Tang break-off tools for **HELICOIL® Plus**



Tang break-off mandrel



Mechanical tang break-off tool with spring tension **type TB-M**



Pneumatic tang break-off tool with thrust trigger **type TB-P**

Nominal thread Ø	Tang break-off mandrel Item No	Type TB-M Item No	Type TB-P pneumatic system* Item No
M 2	0158 040 0000	0158 602 0000	–
M 2.5	0158 040 1000	0158 625 0000	–
M 3	0158 040 1000	0158 603 0000	0168 040 3000
M 3.5	0158 040 2000	0158 635 0000	–
M 4	0158 040 2000	0158 604 0000	0168 040 4000
M 5	0158 040 3000	0158 605 0000	0168 040 5000
M 6	0158 040 3000	0158 606 0000	0168 040 6000
M 7	0158 040 4000	0158 607 0000	0168 040 7000
M 8	0158 040 4000	0158 608 0000	0168 040 8000
M 9	0158 040 4000	0158 609 0000	–
M 10	0158 040 5000	0158 610 0000	0168 041 0000
M 11	0158 040 5000	0158 610 0000	–
M 12	0158 040 6000	0158 612 0000	0168 041 2000

* Operating pressure 3–4 bar, connection G 1/4".

From M 14, the tang must be removed with long nose pliers.

HELICOIL® extraction tool

For manual and machine disassembly of **HELICOIL®** thread inserts M 3 to M 14 (larger sizes on request).

Delivery scope:

- Extracted tool
- Adapter for 1/4" hexagon
- Operating instructions
- Telescoping sleeve

Deep-installed **HELICOIL®** thread inserts can be extracted without damaging the parent thread:

	Steel	Aluminium $R_m > 200 \text{ N/mm}^2$ **	Aluminium $R_m < 200 \text{ N/mm}^2$ **
Flush-mounted HELICOIL®	OK	OK	OK
Deep-mounted HELICOIL®	OK	OK	limited



HELICOIL®
extraction tool
M 3 to M 5



HELICOIL®
extraction tool
M 6 to M 56

Nominal thread Ø	Item No	
M 3	0180 603 0000	
M 4	0180 604 0000	
M 5	0180 605 0000	
M 6	0180 606 0000	
M 8	0180 608 0000	
M 10	0180 610 0000	
M 12	0180 612 0000	
M 14	0180 614 0000	From M 16 on request

The tool can be assembled using a tap wrench, ratchet or cordless screwdriver. The tool comes complete with an adapter for a cordless screwdriver.

** 1 N/mm² equals 1 MPa