

Extraction tools for **HELICOIL®****Manual extracting tools for HELICOIL® Classic and HELICOIL® Plus**

Nominal thread Ø		Item No
d		
UNC 2-56 ... UNC 6-32		0180 300 0000
UNF 4-48 ... UNF 6-40		
UNC 8-32 ... UNC 3/8"-16		0180 301 0000
UNF 8-36 ... UNF 3/8"-24		
UNC 7/16"-14 ... UNC 5/8"-11		0180 302 0000
UNF 7/16"-20 ... UNF 9/16"-18		
UNC 3/4"-10 ... UNC 7/8"-9		0180 303 0000
UNF 5/8"-18 ... UNF 7/8"-14		
UNC 1"-8 ... UNC 1 1/8"-7		0180 304 0000
UNF 1"-14 ... UNF 1 1/8"-12		
UNC 1 1/4"-7 ... UNC 1 1/2"-6		0180 305 0000
UNF 1 1/4"-12 ... UNF 1 1/2"-12		

HELICOIL® extraction tool

For manual and machine disassembly of HELICOIL® thread inserts UNC 2-56 to UNF 10-32 (larger sizes on request).

Delivery scope:

- Extraction 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

Nominal thread Ø	Item No
UNC 2-56	0180 6636 000
UNC 3-48	0180 6646 000
UNC 4-40	0180 6656 000
UNC 6-32	0180 6676 000
UNC 8-32	0180 6686 000
UNF 10-32	0180 6697 000

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



HELICOIL® extraction tool
UNC 2-56 to UNF 10-32

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



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**

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

Nominal thread Ø	Tang break-off mandrel	Type TB-M	Type TB-P pneumatic system*
d	Item No	Item No	Item No
BSW= British Standard Whitworth threads			
1/8"-40	0158 040 1000	0158 603 0000	on request
3/16"-24	0158 040 2000	0158 604 0000	
1/4"-20	0158 040 3000	0158 606 0000	
5/16"-18	0158 040 4000	0158 607 0000	
3/8"-16	0158 040 4000	0158 609 0000	
7/16"-14	0158 040 5000	0158 610 0000	
1/2"-12	0158 040 6000	0158 612 0000	
9/16"-12	—	0158 612 0000	
5/8"-11	—	0158 614 0000	
11/16"-11	—	0158 616 0000	
BSF = British Standard Fine threads			
3/18"-32	0158 040 2000	0158 604 0000	on request
7/32"-28	0158 040 3000	0158 605 0000	
1/4"-26	0158 040 3000	0158 606 0000	
9/32"-26	0158 040 4000	0158 607 0000	
5/18"-22	0158 040 4000	0158 608 0000	
3/8"-20	0158 040 4000	0158 609 0000	
7/18"-18	0158 040 5000	0158 611 0000	
1/2"-16	0158 040 6000	0158 612 0000	
9/18"-16	—	0158 614 0000	
5/8"-14	—	0158 616 0000	

* Operating pressure 3–4 bar
From BSW 3/4", the tang must be removed with long nose pliers.

Manual extracting tools for **HELICOIL®** Classic and **HELICOIL®** Plus



Nominal thread Ø		
d		Item No
BSW 1/8"-40	... BSW 3/8"-16	0180 301 0000
BSF 3/16"-32	... BSF 5/16"-22	
BSW 7/16"-14	... BSW 5/8"-11	0180 302 0000
BSF 3/8"-20	... BSF 5/8"-14	
BSW 1 1/16"-11	... BSW 7/8"-9	0180 303 0000
BSF 1 1/16"-14	... BSF 7/8"-11	
BSW 1"-8	... BSW 1 1/8"-7	0180 304 0000
BSF 1"-10	... BSF 1 1/8"-9	
BSW 1 1/4"-7	... BSW 1 1/2"-6	0180 305 0000
BSF 1 1/7"-9	... BSF 1 1/2"-8	

Tang break-off tools for HELICOIL® Classic and 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	Type TB-M	Type TB-P pneumatic system*
d	Item No	Item No	Item No
BSP = British Standard Pipe threads · G = ISO 228/1 Pipe threads			
G 1/8"	0158 040 5000	0158 610 0000	—
BA = British Association Standard threads			
0 BA	0158 040 3000	0158 606 0000	on request
1 BA	0158 040 3000	0158 605 0000	
2 BA	0158 040 3000	0158 605 0000	
3 BA	0158 040 2000	0158 604 0000	
4 BA	0158 040 2000	0158 605 0000	
5 BA	0158 040 1000	0158 603 0000	
6 BA	0158 040 1000	0158 603 0000	

* Operating pressure 3–4 bar
From G 1/4", the tang must be removed with long nose pliers.

Manual extracting tools for HELICOIL® Classic and HELICOIL® Plus



Nominal thread Ø	
d	Item No
BSP = British Standard Pipe threads · G = ISO 228/1 Pipe threads	
G 1/8"	0180 302 0000
G 1/4"	
G 3/8"	0180 303 0000
G 1/2"	
G 5/8"	0180 304 0000
G 3/4"	
G 7/8"	0180 305 0000
G 1"	
G 1 1/4"	
G 1 1/2"	
BA = British Association Standard threads	
0 BA	0180 300 0000
1 BA	
2 BA	
3 BA	
4 BA	
5 BA	
6 BA	