



## CUTTING AND FACING TOOL

bottom bracket thread and shell

code 720149 BSA

code 720220 ITAL

code 720151 T47 Standard



POS. 1



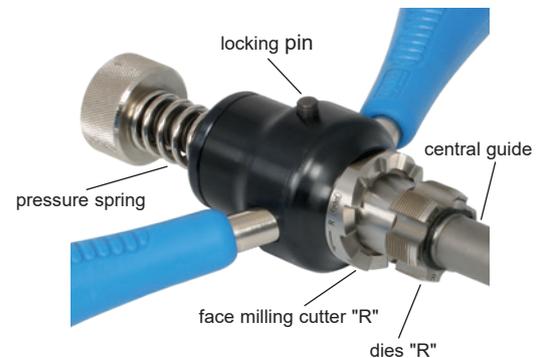
POS. 2



POS. 3

## Application

1. Check that the dies are correctly screwed into the holders.  
The dies must be tightly seated in the holders so the two parts of the tool are locked together.
2. Pay attention to the orientation of the dies "L" means left-hand rotation, "R" means right-hand rotation. It does not refer to side of the bicycle. Find which thread is available (BSA/ITAL).
3. Insert both halves of the tool into the bottom bracket shell at the same time using the tool's central guide. Insert the cutting tools into the existing thread using approximately 1 turn. POS.1
4. Now re-cut both threads one after the other by screwing the dies in completely.  
Always use sufficient amounts of suitable cutting oil when thread cutting and face milling.
5. Unlock both dies by firmly pressing in the locking pins. POS.2  
The dies will now be decoupled from the holder and no longer rotate.
6. Mill the flat face surfaces of the bottom bracket shell, one after the other, until an even bearing shell surface is achieved. Use the pressure spring to carefully apply the correct amount of force.  
Pay attention to the direction of the face milling cutter. POS.3
7. Release the pressure spring.
8. Re-lock the cutter and holder. The locking pin must now protrude completely from the holder.
9. Back both dies out of the bottom bracket shell thread at the same time and then remove both tool halves.



**CUTTING OIL 100 ML**  
in dispenser bottle  
code 710012