

# The Guhring thread milling cutter types



**TM SP – thread milling cutter w/o countersinking step**  
 Straight shank with spiral flute and internal coolant delivery, standard type for the milling of one thread size  
 Thread type: M, G, NPT, NPTF



**TMU SP – universal thread milling cutter**  
 Straight shank with spiral flute and internal coolant delivery, multi-range tool for the production of various thread sizes with the same pitch  
 Thread type: M/MF, G, NPT, NPTF



**TMC SP – thread milling cutter with countersinking step**  
 45° countersinking step, spiral flute and internal coolant delivery, for countersinking and thread milling one thread size  
 Thread type: M, MF, G, UNC, UNF, NPT, NPTF



**DTMC SP – drill/thread milling cutter**  
 2-fluted drill/thread milling cutter with 45° countersinking step, spiral flute and with/without internal coolant delivery, for tapping size holes, countersinking and thread milling of one thread size  
 Thread type: M, MF



**Special thread milling cutters**  
 In addition to the four standard types described above, the following thread milling cutters can be supplied on request:

- TM SP and TMC SP thread milling cutters for thread length 3xD
- DTMC SP three-fluted drill/thread milling cutter with or without internal cooling, thread length 1.5xD, 2xD, 2.5xD, 3xD
- Solid carbide thread milling cutters to customer specific demands and drawings

## Tooth profile

The tooth form generally corresponds to the form of the thread to be produced. In some cases it may be necessary to correct the tooth profile. This is the case, if the diameter of the thread to be produced is not in specific ratio to the diameter of the thread milling cutter. A thread milling cutter can mill threads of different diameters. A variation of the thread pitch is however not possible.

