

THE CUTTING EDGE

Fast. Faster. Threading tools HPC.

Optimised for high feed rate speeds
due to a higher number of teeth.

KOMET JEL® TOMILL GWF HPC

For machining steel to 1200 N/mm² tensile strength, stainless steel, cast materials and titanium alloys.

KOMET JEL® TOMILL GWF HPC PKD

For cutting lightweight structural materials such as aluminium, magnesium and fibre-reinforced plastics.

KOMET JEL® MGF HPC

Thread milling tool with rear chamfer for machining steel to 1200 N/mm² tensile strength, stainless steel, cast materials and titanium alloys.

Convince yourself.

The KOMET JEL® MGF HPC in action.



KOMET JEL® MGF HPC

Thread milling tool with rear chamfer for machining steel to 1200 N/mm² tensile strength, stainless steel, cast materials and titanium alloys.

No. of teeth: MGF HPC vs. standard thread milling tool									
	M4	M5	M6	M8	M10	M12	M14	M16	M20
Standard	3	3	3	3	3	3	4	4	4
MGF HPC	5	5	6	7	7	7	7	8	8

BENEFITS for you:

- Significantly shorter machining times compared to conventional thread milling
- Approximately the same machining times as tapping
- The same tool can be used for all threads with the same pitch \geq internal thread
- Same tool can be used for different materials
- Full thread almost to the bottom of the hole

KOMET JEL® TOMILL GWF HPC PKD

For cutting lightweight structural materials such as aluminium, magnesium and fibre-reinforced plastics. For producing large thread diameters \geq 16 mm in line with the 2/3 concept.

Special variants:

- Delivered within 2-3 weeks of order confirmation
- Additional thread profiles: Buttress, Whitworth, pipe thread, UN
- With deburring cutting edge
- With countersink step on front face or shank
- For tool diameter range between 12 and 32 mm, individual dimensioning of I1, I2, I3



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www.kometgroup.com/gwf

KOMET JEL® TOMILL GWF HPC

For machining steel to 1200 N/mm² tensile strength, stainless steel, cast materials and titanium alloys. For producing large thread diameters \geq 24 mm in line with the 2/3 concept.

BENEFITS for you:

- Standard range kept in stock
- Significantly faster than conventional thread milling cutters due to the additional cutting edges
- One and the same tool for different tolerances
- One and the same tool for different diameters $>$ nominal \varnothing with same pitch
- One and the same tool for blind and through holes
- Exact and repeatable thread depth
- No chip root remaining in the thread
- High speed cutting (HSC) possible
- Other thread profiles and tool diameters available on request

