

**KOMET JEL<sup>®</sup> MGF XH MICRO M1-M2,5**

Thread Milling into hardened steels between 45-60 HRC

# KOMET JEL® MGF XH Micro M1-M2,5

## Thread Milling into hardened steels between 45-60 HRC

### Application:

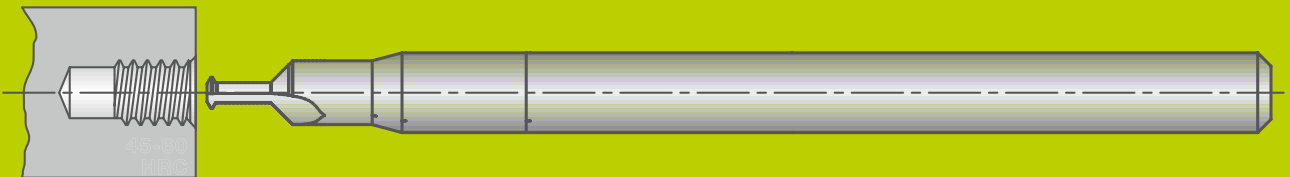
- Hardened steels between 45-60 HRC
- Threads can be made directly in hardened components, e.g. aviation components, implants, etc.
- Complex re-machining due to hardening distortion can be avoided.
- Anti-clockwise cutting from M1 to M2.5

New: MFG XH Micro – thread milling and 90° countersinking of M1 – M2.5

### Benefits for you:

- Thread milling directly into hardened materials
- Reduction in tool costs:  
One tool for two processes; 90° countersinking & thread milling with a single tool
- CNC programs can be called up 24/7 from anywhere in the world\*
- Multiple uses – thread milling and 90° countersinking, e.g. M1.1 and M1.2 are made with an M1 thread milling cutter

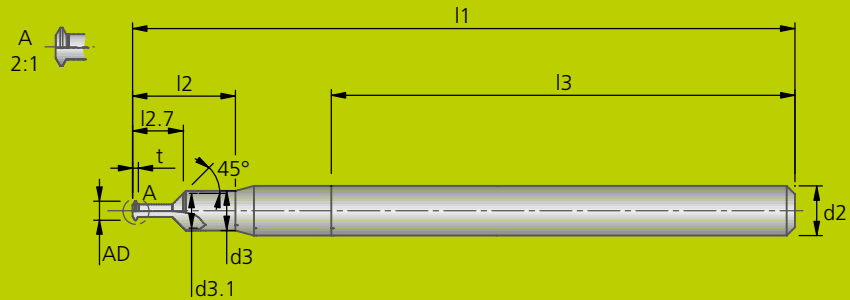
\* CNC programs can be configured online at <http://tpt.kometgroup.com> or can be obtained on request from tel.: +49 (0) 711 78891-0.



# KOMET JEL® MGF XH Micro M1-M2,5 with rear chamfer, 1.5 × D



- For metric ISO thread DIN 13
- For hard machining of materials with hardness M45 HRC
- Shank Ø DIN 6535 Form HE/HA
- Tools without internal coolant supply
- Cutting material: solid carbide
- Tools are cutting counter clockwise



MGF XH 1,5×D												TiCN
Nominal Ø	t	Drill Ø	l1	l2.7	l2	l3	d2	d3.1	d3	AD	Z	Order No.
M1	0,25	0,75	40	2,1	5,2	28	3	1,5	1,8	<Ø 0,75	2	88977001000001
M1,4	0,30	1,10	40	2,6	5,7	28	3	1,7	2,0	<Ø 1,10	2	88977001000004
M1,6	0,35	1,25	40	3,1	6,0	28	3	2,1	2,4	<Ø 1,25	2	88977001000005
M2	0,40	1,60	40	3,7	*	28	3	2,6	3,0	<Ø 1,60	2	88977001000008
M2,2	0,45	1,75	40	3,9	*	28	3	2,5	3,0	<Ø 1,75	2	88977001000009
M2,5	0,45	2,05	40	4,5	*	28	3	2,9	3,0	<Ø 2,05	3	88977001000011

\*d3=d2



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