

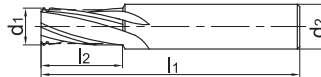
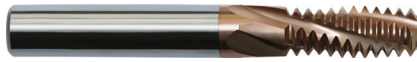
Thread milling cutter, coated

Steel, cast iron, non-ferrous metals

4111



– Factory standard



Article	*	Dimensions [mm]						Teeth	Coredrill d	Grade	
		D	d ₁	P	d ₂	l ₁	l ₂			KTG4015	YK40F
4111-M3*0.5		M3	2.35	0.5	4	50	6	3	2.5	●	●
4111-M4*0.7		M4	3.15	0.7	4	50	8	3	3.3	●	○
4111-M5*0.8		M5	4	0.8	6	50	10	3	4.2	●	○
4111-M5*0.5		M5	4.3	0.5	6	50	10	3	4.5	●	○
4111-M6*1		M6	4.75	1	6	60	12	4	5	●	●
4111-M6*0.75		M6	5	0.75	6	60	12	4	5.25	●	○
4111-M8*1.25		M8	6.45	1.25	8	60	16	4	6.75	●	●
4111-M8*1		M8	6.65	1	8	60	16	4	7	●	○
4111-M10*1.5		M10	8.1	1.5	10	75	20	4	8.5	●	○
4111-M10*1		M10	8.55	1	10	75	20	4	9	●	○
4111-M12*1.75		M12	9.75	1.75	12	75	24	4	10.25	●	○
4111-M12*1.25		M12	10.25	1.25	12	75	24	4	10.75	●	○
4111-M14*2		M14	11.4	2	14	75	28	4	12	●	○
4111-M14*1.5		M14	11.9	1.5	14	75	28	4	12.5	●	○
4111-M14*1		M14	12.35	1	14	75	20	4	13	●	○
4111-M16*2		M16	13.3	2	16	90	32	6	14	●	○
4111-M18*2.5		M18	14.75	2.5	18	90	36	6	15.5	●	○
4111-M18*1		M18	16.15	1	18	90	20	6	17	●	○
4111-M20*2.5		M20	16.65	2.5	18	100	40	6	17.5	●	○
4111-M20*2		M20	17.1	2	18	100	40	6	18	●	○

● Ex stock ○ On demand

* With internal cooling

Application field

P	M	K	N	S	H
✓		✓	✓		

✓ Very suitable

✓ Suitable

System code > C176

Machining instructions > C201

Cutting data > C192

Nonstandard order > C198

Coated cemented carbide PVD

Grade	Grade description
KTG402	PVD coated P20–P30/M20–M30 carbide substrate for steel and stainless steel. Especially for thread forming tools.

KTG4015	PVD coated P20–P30/K20–K30 carbide substrate for steel and cast iron. Especially for thread forming tools.
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Uncoated cemented carbide

Grade	Grade description
YK40F	Uncoated K20–K30/N20–N30 carbide substrate for cast iron and non ferrous materials.

A

Turning

B

Milling

C

Drilling

DTechnical
Information**E**

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4 2 0 1 A (C) (S) – M5x0.8 – 6H

1 2 3 4 5 6 7 8 9

A

Turning

Type	
Code	Description
4	Threading tool

Shank type	
Code	Description
1	Straight shank
2	Straight shank DIN10
5	Straight shank DIN 6535 HA
9	Conical shank

B

Milling

1

2

Tool type	
Code	Description
0	Tap
1	Thread milling cutter
2	Thread former

Flute	
Code	Description
1	Right-hand twist
2	Straight
3	Left-hand twist

3

4

C

Drilling

Material	
Code	Description
A	Aluminum alloy
C	Cast iron
M	Stainless steel
P	Steel
H	Hardened steel

Coolant supply	
Code	Description
C	Internal

5

6

D

Technical Information

Blind hole	
Code	Description
S	Blind hole

Thread type	
Code	Description
M5x0.8	Standard production tolerance
...	Fine production tolerance

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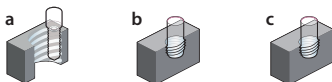
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Precision class	
Code	Description
6H	Nominal diameter x pitch
6HX	Fine production tolerance

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E

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a Thread milling b Thread drilling c Thread forming