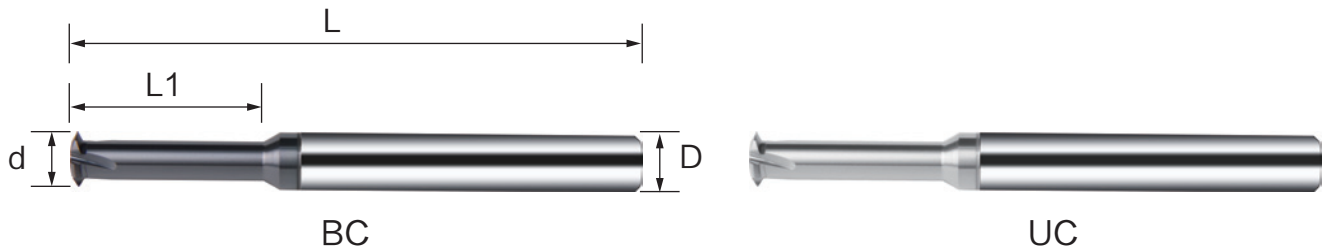


## CARBIDE THREADING MILLING ISO A60/A55 SINGLE TOOTH

公制螺纹单牙铣刀 A60/A55



- ∞UC 適用切削材質：鋁、有色金屬、非金屬類材料。
- ∞UC APPLICABLE MATERIALS:ALUMINUM,NON -FERROUS METALS.NON -METALLIC.(UN COATED TOOLS).
- ∞BC 適用切削材質：中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、鈦合金、其他鋼材、鑄鐵等。
- ∞BC APPLICABLE MATERIALS:CARBON STEEL,ALLOY STEEL,QUENCHEDANDTEMPERED STEEL,SUS,MOLD STEEL,TITANIUM ALLOY, OTHER STEEL,DUCTILE IRON.
- ∞OC:依照被加工材質不同塗層及顏色,詳見INSIGHT塗層表。
- ∞OC:THE MATERIAL TO BE PROCESSED IN ACCORDANCE WITH DIFFERENT COATINGS AND COLORS, FOR MORE INFORMATION, REFER TO INSIGHT COATING LIST.

### ISO-A60

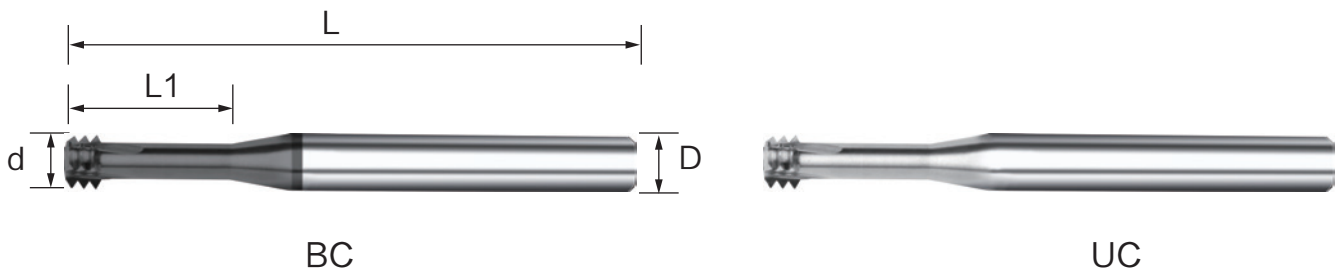
Model	PITCH	d	L1	D	L	Flutes
M0.8*0.2	0.2-0.225	0.55	1.6	4	50	3
M0.9*0.225	0.225-0.3	0.60	1.8	4	50	3
M1*0.25	0.25-0.35	0.73	2.3	4	50	3
M1.2*0.25	0.25-0.35	0.92	2.8	4	50	3
M1.4*0.3	0.3-0.4	1.05	3.2	4	50	3
M1.6*0.35	0.35-0.4	1.20	4.0	4	50	3
M2*0.4	0.4-0.5	1.54	4.4	4	50	3
M2.5*0.45	0.45-0.5	1.96	5	4	50	3
M3*0.5	0.5-0.6	2.4	7.5	4	50	3
M5*0.8	0.5-0.8	3	12	4	50	4
M4*0.7	0.5-0.8	3.15	10	4	50	3
M5*0.8	0.5-1.0	4	12	4	50	4
M5*0.8	0.5-1.0	4	13	6	50	3
M6*1.0	0.5-1.0	4.75	16	6	50	3
M8*1.25	0.5-1.25	5	16	6	50	4
M8*1.25	0.5-1.25	6	20	6	60	3
M10*1.5	0.8-1.5	7.9	25	8	60	4
M10*1.5	0.8-1.5	8	20	8	75	4
M12*1.5	1.25-2.0	9.4	28	10	75	4
M12*1.75	1.0-3.0	9.9	30	10	75	4
M12*2.0	1.25-2.0	10	28	10	75	4
M16*2.0	2.0-5.0	12	30	12	75	4
M16*2.0	1.0-5.0	12	30	12	83	4
M18*2.5	1.0-5.0	14	35	14	100	5
M22*3.0	2.0-5.0	16	40	16	100	5

## ISO-A60

Model	PITCH	d	L1	D	L	Flutes
d3.0*A55	0.5-1.0	4.00	8.0	4	50	3
d4.0*A55	0.5-1.0	4.00	10.0	6	50	3
d5.0*A55	0.5-1.25	5.00	11.0	6	50	3
d5.0*A55	0.5-1.25	5.00	16.0	6	50	4
d6.0*A55	0.5-1.25	6.00	14.0	6	50	3
d7.9*A55	1.0-2.0	7.90	21.0	8	75	4
d9.9*A55	1.0-2.5	9.90	26.0	10	75	5

## CARBIDE THREADING MILLING ISO THREE TEETH

公制螺纹三牙铣刀



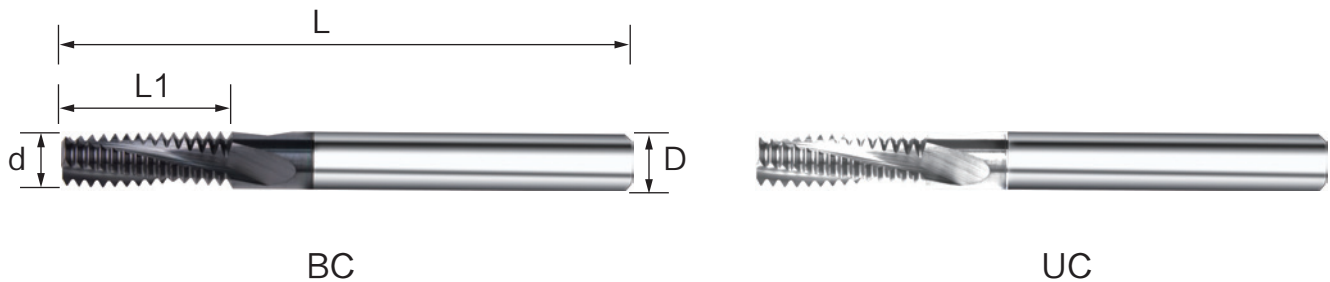
- ∞ UC 適用切削材質：鋁、有色金屬、非金屬類材料。
- ∞ UC APPLICABLE MATERIALS:ALUMINUM,NON -FERROUS METALS.NON -METALLIC.(UN COATED TOOLS).
- ∞ BC 適用切削材質：中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、鈦合金、其他鋼材、鑄鐵等。
- ∞ BC APPLICABLE MATERIALS:CARBON STEEL,ALLOY STEEL,QUENCHEDANDTEMPERED STEEL,SUS,MOLD STEEL,TITANIUM ALLOY, OTHER STEEL,DUCTILE IRON.
- ∞ OC:依照被加工材質不同塗層及顏色,詳見INSIGHT塗層表。
- ∞ OC:THE MATERIAL TO BE PROCESSED IN ACCORDANCE WITH DIFFERENT COATINGS AND COLORS, FOR MORE INFORMATION, REFER TO INSIGHT COATING LIST.

Model	PITCH	d	L1	D	L	Flutes
M1*0.25	0.25	0.73	2.3	4	50	3
M1.2*0.25	0.25	0.92	3.3	4	50	3
M1.4*0.3	0.3	1.05	3.2	4	50	3
M1.6*0.35	0.35	1.21	3.6	4	50	3
M1.8*0.35	0.35	1.40	4.0	4	50	3
M2*0.4	0.4	1.54	4.6	4	50	3
M2.2*0.45	0.45	1.63	5.0	4	50	3
M2.5*0.45	0.45	1.96	5.6	4	50	3
M3*0.5	0.5	2.42	7.1	4	50	3
M3.5*0.6	0.6	2.75	7.4	4	50	3
M4*0.7	0.7	3.15	8.8	4	50	3

Model	PITCH	d	L1	D	L	Flutes
M5*0.8	0.8	4.00	12.0	6	50	3
M6*0.5	0.5	5.00	13.0	6	50	3
M6*1.0	1	4.75	12.9	6	50	3
M8*1.25	1.25	6.00	17.6	6	60	3
M10*1.25	1.25	7.90	25.0	8	62	4
M10*1.5	1.5	7.90	21.0	8	62	4
M12*1.25	1.25	9.90	30.0	10	75	4
M12*1.75	1.75	9.9	25	10	75	4
M14*2.0	2	9.9	27	10	75	4
M16*2.0	2	11.9	35	12	75	4
M22*2.5	2.5	14	40	14	100	5
M22*2.6	2.5	16	40	16	100	5
M24*3.0	3	16	50	16	100	5

## CARBIDE THREADING MILLING ISO FULL TEETH

公制螺紋全牙銑刀



∞UC 適用切削材質：鋁、有色金屬、非金屬類材料。

∞UC APPLICABLE MATERIALS:ALUMINUM,NON -FERROUS METALS.NON -METALLIC.(UN COATED TOOLS).

∞BC 適用切削材質：中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、鈦合金、其他鋼材、鑄鐵等。

∞BC APPLICABLE MATERIALS:CARBON STEEL,ALLOY STEEL,QUENCHEDANDTEMPERED STEEL,SUS,MOLD STEEL,TITANIUM ALLOY, OTHER STEEL,DUCTILE IRON.

∞OC:依照被加工材質不同塗層及顏色,詳見INSIGHT塗層表。

∞OC:THE MATERIAL TO BE PROCESSED IN ACCORDANCE WITH DIFFERENT COATINGS AND COLORS, FOR MORE INFORMATION, REFER TO INSIGHT COATING LIST.

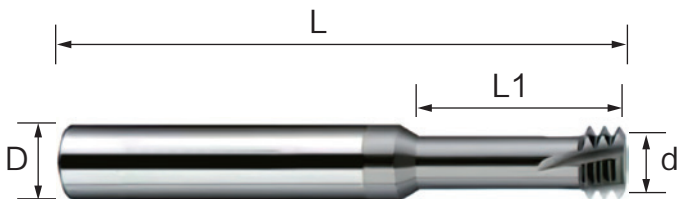
Model	PITCH	d	L1	D	L	Flutes
M1.6*0.35	0.35	1.20	3.4	4	50	3
M2*0.4	0.4	1.54	5.0	4	50	3
M2.5*0.45-d1.96-D4	0.45	1.96	5.3	4	60	3
M3*0.5-d2.4-D4	0.5	2.40	6.0	4	50	3
M4*0.5-d3-D4	0.5	3.00	10.0	4	50	3
M4*0.7-d3.15-D4	0.7	3.15	10.0	4	50	3
M5*0.5-d3.9-D4	0.5	3.90	12.0	4	50	3
M5*0.8-d3.5-D4	0.8	3.5	11	4	50	3

Model	PITCH	d	L1	D	L	Flutes
M5*0.8-d3.9-D6	0.8	3.90	10.0	6	50	3
M6*0.5-d4.8-D6	0.5	4.80	13.0	6	50	3
M6*0.75-d3.9-D4	0.75	3.90	12.0	4	50	3
M6*0.75-d4.8-D6	0.75	4.80	15.0	4	50	3
M6*d1.0-d3.9-D4	1	3.90	12.0	4	50	3
M6*d1.0-4.75-D6	1	4.75	14.0	6	50	3
M8*0.5-d6.0-D6	0.5	6.00	17.0	6	60	3
M8*0.75-d5.9-D6	0.75	5.9	20	6	60	3
M8*1.0-d5.9-D6	1	5.9	16	6	60	3
M8*1.25-d5.9-D6	1.25	5.9	16	6	60	3
M10*0.5-d7.9-D8	0.5	7.9	21	8	65	3
M10*0.75-d7.9-D8	0.75	7.9	20	8	65	4
M10*d1.0-d7.9-D8	1	7.9	22	8	65	3
M10*1.0-d7.9-D10	1	7.9	22	8	65	3
M10*1.25-d7.7-D8	1.25	7.7	20	8	75	3
M10*1.5-d7.7-D8	1.5	7.7	20	8	75	3
M12*0.5-d9.9-D10	0.5	9.9	30	10	75	3
M12*0.75-d10.0-D10	0.75	10	28	10	75	4
M12*d1.0-d9.9-D10	1	9.9	25	10	75	4
M12*1.25-d9.9-D10	1.25	9.9	25	10	75	4
M12*1.5-d9.4-D10	1.5	9.4	24	10	75	4
M12*1.75-d8.5-D10	1.75	8.5/9.5	25	10	75	4
M14*1.0-d11.9*D12	1	11.9	30	12	75	4
M14*1.5-d11.2-D12	1.5	11.2	30	12	75	4
M16*1.0*d13.9*D14	1	13.9	30	14	100	4
M16*1.5-d11.9-D12	1.5	11.9	33	12	75	4
M20*1.5-d16.0-D16	1.5	16	40	16	100	5
M14*2.0-d9.9-D10	2	9.9	28	10	75	4
M16*2-d12-D12	2	12	30	12	75	4
M20*2.0-d16.0-D16	2	16	40	16	100	5
M18*2.5-d13.9-D16	2.5	13.9	32	16	100	5
M22*2.5-d16.0-D16	2.5	16	40	16	100	5
M24*3.0-d16-D16	3	16	40	16	100	5

## CARBIDE THREADING MILLING BRITISH SYSTEM AND THE U.S.SYSTEM

### 英制/美制螺纹铣刀

- ∞UC 適用切削材質：鋁、有色金屬、非金屬類材料。
- ∞UC APPLICABLE MATERIALS:ALUMINUM,NON -FERROUS METALS.NON -METALLIC.(UN COATED TOOLS).
- ∞BC 適用切削材質：中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、鈦合金、其他鋼材、鑄鐵等。
- ∞BC APPLICABLE MATERIALS:CARBON STEEL,ALLOY STEEL,QUENCHEDANDTEMPERED STEEL,SUS,MOLD STEEL,TITANIUM ALLOY, OTHER STEEL,DUCTILE IRON.
- ∞OC:依照被加工材質不同塗層及顏色,详见INSIGHT塗層表。
- ∞OC:THE MATERIAL TO BE PROCESSED IN ACCORDANCE WITH DIFFERENT COATINGS AND COLORS, FOR MORE INFORMATION, REFER TO INSIGHT COATING LIST.



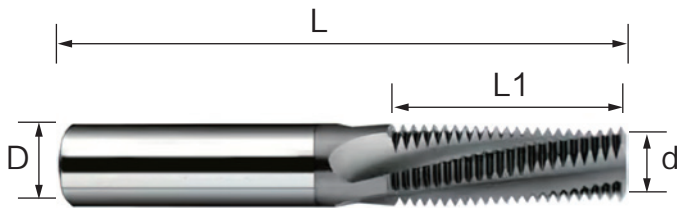
◀ UNC(THREE TEETH)

Model	D	d	L1	Flutes	L
UNC5/16-24	4.00	3.5	10	3	50
UNC10-32	4.00	3.8	10	3	50
UNC2-56	4.00	1.7	4.75	3	50
UNC6-32	4.00	2.6	7.4	3	50
UNC4-40	4.00	2.1	8.2	3	50
UNC8-32	4.00	3.2	10.7	3	50
UNC10-24	4.00	3.6	7	3	50
UNC1/4-20	6	4.8	13.75	3	50
UNC1/4-28	6	5.2	15	3	50
UNC3/8-16	8	7.65	23	3	65



◀ UNC(FULL TEETH)

Model	D	d	L1	Flutes	L
UNC8-32	4.00	3.1	10	3	50
UNC1/4-20	6.00	4.9	13	3	50
UNC5/16-18	6.00	6.0	17	3	60
UNC1/4-28	6.00	4.6	15	3	50
UNC10-48	6.00	4.1	12	3	65
UNC3/8-16	8.00	7.7	20	3	65
UNC1/2-20	10.00	9.9	26	4	75
UNC5/8-11	12	11	33	4	75
UNC9/16-18	12	11.3	30	4	75
UNC3/4-16	12	11.9	12.7	4	90
UNC3/4-10	16	14.5	40	5	100
UNC7/8-9	16	15.2	45	4	100



◀ RC(FULL TEETH)

Model	D	d	L1	Flutes	L
RC1/16-28	6.00	5.8	16	3	60
RC1/8-28	8.00	7.0	16	3	65
RC1/4-19	10.00	8.8	20	4	75
RC3/8-19	12.00	11.4	35	4	75
RC1/2-14	16.00	13.6	40	5	100
RC1-11	20.00	19.9	41.6	5	100



◀ G (FULL TEETH)

Model	D	d	L1	Flutes	L
G1/16-28	6.00	5.8	16.5	3	60
G1/8-28	8.00	7.7	21	3	65
G1/4-19	10.00	9.9	26	4	75
G3/8-19	12.00	11.9	26.7	4	75
G1/2-14	16.00	15.7	40	5	100
G1-11	20.00	19.9	42	5	100



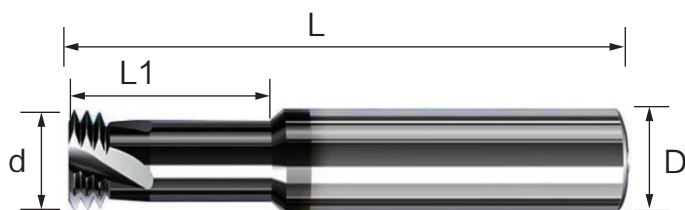
◀ NPT/NPTF(FULL TEETH)

Model	D	d	L1	Flutes	L
NPT1/16-27	6.00	5.3	10	3	60
NPT1/8-27	8.00	7.1	10	3	65
NPT1/4-18	10.00	9.1	14.1	4	75
NPT3/8-19	12.00	11.2	14.8	4	75
NPT1/2-14	16.00	14.5	25	5	100
NPT1-11.5	20.00	19.9	33	5	100
NPT1 1/2-11.5	16	16	33	5	100

## CARBIDE THREADING MILLING PG GERMAN A80(R ANGLE) AND MJ MILITARY

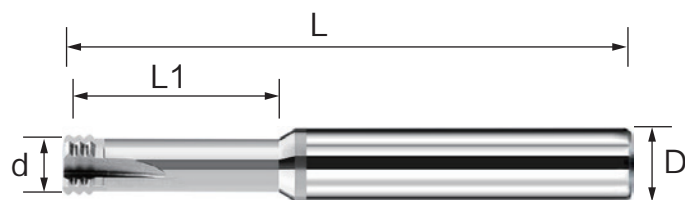
### PG 德标A80 (R角) 和MJ军用螺纹铣刀

- ∞UC 適用切削材質：鋁、有色金屬、非金屬類材料。
- ∞UC APPLICABLE MATERIALS:ALUMINUM,NON -FERROUS METALS.NON -METALLIC.(UN COATED TOOLS).
- ∞BC 適用切削材質：中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、鈦合金、其他鋼材、鑄鐵等。
- ∞BC APPLICABLE MATERIALS:CARBON STEEL,ALLOY STEEL,QUENCHEDANDTEMPERED STEEL,SUS,MOLD STEEL,TITANIUM ALLOY, OTHER STEEL,DUCTILE IRON.
- ∞OC:依照被加工材質不同塗層及顏色,详见INSIGHT塗層表。
- ∞OC:THE MATERIAL TO BE PROCESSED IN ACCORDANCE WITH DIFFERENT COATINGS AND COLORS, FOR MORE INFORMATION, REFER TO INSIGHT COATING LIST.



◀ MJ MILITARY  
(THREE TEETH)

Model	PITCH	d	L1	Flutes	D	L
M3*0.5	0.5	2.42	7.1	3	4	50
M4*0.7	0.7	3.15	8.8	3	4	50
M5*0.8	0.8	4.00	12.0	3	6	50
M6*1.0	1	4.75	12.9	3	6	50



◀ PG (THREE TEETH)

Model	PITCH	d	L1	Flutes	D	L
PG7-20	20	7.90	20.0	3	8	75
PG9-18	18	9.90	25.0	5	10	75