

2 刃立銑刀 2 FLUTE END MILLS

EM202 系列

SERIES EM202

HSS
Co8

FLUTE
2



B1



Unit 單位 : mm

ITEM NO. 編號	MILL DIAMETER 刃徑	SHANK DIAMETER 柄徑	LENGTH OF CUT 刃長	OVERALL LENGTH 全長
EM202-0010	1	6	2.5	55
EM202-0015	1.5	6	4	55
EM202-0020	2	6	6	55
EM202-0025	2.5	6	7	55
EM202-0030	3	6	10	55
EM202-0035	3.5	6	12	60
EM202-0040	4	6	12	60
EM202-0045	4.5	6	15	60
EM202-0050	5	6	15	60
EM202-0055	5.5	6	15	60
EM202-0060	6	6	15	60
EM202-0065	6.5	8	20	65
EM202-0070	7	8	20	70
EM202-0075	7.5	8	20	70
EM202-0080	8	8	20	70
EM202-0085	8.5	10	25	80
EM202-0090	9	10	25	80
EM202-0095	9.5	10	25	80
EM202-0100	10	10	25	80
EM202-0105	10.5	12	30	90
EM202-0110	11	12	30	90
EM202-0120	12	12	30	90
EM202-0130	13	12	35	95
EM202-0140	14	12	35	95
EM202-0150	15	16	40	105
EM202-0160	16	16	40	105
EM202-0170	17	16	40	95
EM202-0180	18	16	40	105
EM202-0190	19	20	45	95
EM202-0200	20	20	45	115
EM202-0210	21	20	45	115
EM202-0220	22	20	45	115
EM202-0250	25	25	50	125
EM202-0260	26	25	50	125
EM202-0280	28	25	55	125
EM202-0300	30	25	55	125
EM202-0320	32	32	60	145

Unit 單位 : mm

	MILL DIAMETER 刃徑				OTHER SIZE 其他規格
	6	8	10	12	
TOLERANCE 公差	0 -0.035	0 -0.040	0 -0.040	0 -0.045	0 -0.030

D: MILL DIAMETER
d: SHANK DIAMETER
L: LENGTH OF CUT
L: OVERALL LENGTH

2 刃立銑刀 2 FLUTE END MILLS

EM202 系列

SERIES EM202

**HSS
Co8**

**FLUTE
2**



B1



Unit 單位 : inch

ITEM NO. 編號	MILL DIAMETER 刃徑	SHANK DIAMETER 柄徑	LENGTH OF CUT 刃長	OVERALL LENGTH 全長
EM202-I004	1/16	1/4	3/16	2-1/8
EM202-I005	5/64	1/4	7/32	2-1/4
EM202-I006	3/32	1/4	13/32	2-1/4
EM202-I008	1/8	1/4	1/2	2-7/16
EM202-I010	5/32	1/4	9/16	2-1/2
EM202-I012	3/16	1/4	5/8	2-1/2
EM202-I016	1/4	1/4	3/4	2-1/2
EM202-I020	5/16	3/8	3/4	2-1/2
EM202-I024	3/8	3/8	3/4	2-1/2
EM202-I032	1/2	1/2	1-1/4	3-1/4
EM202-I040	5/8	5/8	1-5/8	3-3/4
EM202-I048	3/4	3/4	1-5/8	3-7/8

4 刃立銑刀 4 FLUTE END MILLS

EM204 系列

SERIES EM204

**HSS
Co8**

**FLUTE
4**



B1



Unit 單位 : mm

ITEM NO. 編號	MILL DIAMETER 刃徑	SHANK DIAMETER 柄徑	LENGTH OF CUT 刃長	OVERALL LENGTH 全長
EM204-0015	1.5	6	4	50
EM204-0020	2	6	6	50
EM204-0025	2.5	6	7	50
EM204-0030	3	6	10	50
EM204-0035	3.5	6	12	60
EM204-0040	4	6	12	60
EM204-0045	4.5	6	15	60
EM204-0050	5	6	15	60
EM204-0055	5.5	6	15	60
EM204-0060	6	6	15	60
EM204-0065	6.5	8	20	65
EM204-0070	7	8	20	65
EM204-0075	7.5	8	20	65
EM204-0080	8	8	20	65
EM204-0085	8.5	10	25	70
EM204-0090	9	10	25	70
EM204-0095	9.5	10	25	70
EM204-0100	10	10	25	70
EM204-0105	10.5	12	30	80
EM204-0110	11	12	30	80
EM204-0120	12	12	30	80
EM204-0130	13	12	35	85
EM204-0140	14	12	35	90
EM204-0150	15	16	40	95
EM204-0160	16	16	40	95
EM204-0170	17	16	40	95
EM204-0180	18	16	40	95
EM204-0190	19	20	45	110
EM204-0200	20	20	45	110
EM204-0210	21	20	45	110
EM204-0220	22	20	45	110
EM204-0250	25	25	50	120
EM204-0260	26	25	50	120
EM204-0280	28	25	55	125
EM204-0300	30	25	55	125
EM204-0320	32	32	60	145

Tolerance according to DIN 7160 & 7161

公差對照 DIN 7160 和 7161 標準(德國)

Tolerance range in μm / 公差範圍 (μm)						
Nominal-DIAMETER in mm / 尺寸範圍 (mm)						
D	1 ~ 3	>3 ~ 6	>6 ~ 10	>10 ~ 18	>18 ~ 30	>30 ~ 50
Mill Dia. Tolerance	+30 0					
h6	0 -6	0 -8	0 -9	0 -11	0 -13	0 -16

μm : 1/1000mm

D: MILL DIAMETER
d: SHANK DIAMETER
L: LENGTH OF CUT
L: OVERALL LENGTH
Z: No. OF FLUTE

4 刃立銑刀 4 FLUTE END MILLS

EM204 系列

SERIES EM204

**HSS
Co8**

**FLUTE
4**



B1



Unit 單位 : inch

ITEM NO. 編號	MILL DIAMETER 刃徑	SHANK DIAMETER 柄徑	LENGTH OF CUT 刃長	OVERALL LENGTH 全長
EM204-I004	1/16	1/4	3/16	2-1/8
EM204-I005	5/64	1/4	7/32	2-1/4
EM204-I006	3/32	1/4	13/32	2-1/4
EM204-I008	1/8	1/4	1/2	2-7/16
EM204-I010	5/32	1/4	9/16	2-1/2
EM204-I012	3/16	1/4	5/8	2-1/2
EM204-I016	1/4	1/4	3/4	2-1/2
EM204-I020	5/16	3/8	3/4	2-1/2
EM204-I024	3/8	3/8	3/4	2-1/2
EM204-I032	1/2	1/2	1-1/4	3-1/4
EM204-I040	5/8	5/8	1-5/8	3-3/4
EM204-I048	3/4	3/4	1-5/8	3-7/8
EM204-I100	1"	3/4	1-7/8	4-1/8
EM204-I101	1"	1"	2"	4-1/2
EM204-I116	1-1/4	1-1/4	2"	4-1/2

2 刃加長立銑刀 2 FLUTE LONG END MILLS

EM212 系列

SERIES EM212

**HSS
Co8**

**FLUTE
2**



B1



Unit 單位 : mm

ITEM NO. 編號	MILL DIAMETER 刃徑	SHANK DIAMETER 柄徑	LENGTH OF CUT 刃長	OVERALL LENGTH 全長
EM212-0030	3	6	15	60
EM212-0040	4	6	20	65
EM212-0050	5	6	25	70
EM212-0060	6	6	25	70
EM212-0080	8	8	35	85
EM212-0100	10	10	45	100
EM212-0120	12	12	55	115
EM212-0140	14	16	55	120
EM212-0160	16	16	65	130
EM212-0180	18	16	65	130
EM212-0200	20	20	75	145
EM212-0220	22	20	75	145
EM212-0250	25	25	90	165
EM212-0280	28	25	90	165
EM212-0300	30	25	90	165
EM212-0320	32	32	95	180

Tolerance according to DIN 7160 & 7161

公差對照 DIN 7160 和 7161 標準(德國)

Tolerance range in μm / 公差範圍 (μm)						
Nominal-DIAMETER in mm / 尺寸範圍 (mm)						
D	1 ~ 3	>3 ~ 6	>6 ~ 10	>10 ~ 18	>18 ~ 30	>30 ~ 50
Mill Dia. Tolerance	0 -30					
h6	0 -6	0 -8	0 -9	0 -11	0 -13	0 -16

μm : 1/1000mm

D: MILL DIAMETER
d: SHANK DIAMETER
L: LENGTH OF CUT
L: OVERALL LENGTH

4 刃加長立銑刀 4 FLUTE LONG END MILLS

EM214 系列

SERIES EM214

**HSS
Co8**

**FLUTE
4**



Unit 單位 : mm

ITEM NO. 編號	MILL DIAMETER 刃徑	SHANK DIAMETER 柄徑	LENGTH OF CUT 刃長	OVERALL LENGTH 全長
EM214-0030	3	6	15	60
EM214-0040	4	6	20	65
EM214-0050	5	6	25	70
EM214-0060	6	6	25	70
EM214-0080	8	8	35	85
EM214-0100	10	10	45	100
EM214-0120	12	12	55	115
EM214-0140	14	16	55	120
EM214-0160	16	16	65	130
EM214-0180	18	16	65	130
EM214-0200	20	20	75	145
EM214-0220	22	20	75	145
EM214-0250	25	25	90	165
EM214-0280	28	25	90	165
EM214-0300	30	25	90	165
EM214-0320	32	32	95	180

Unit 單位 : inch

ITEM NO. 編號	MILL DIAMETER 刃徑	SHANK DIAMETER 柄徑	LENGTH OF CUT 刃長	OVERALL LENGTH 全長
EM214-I008	1/8	1/4	3/4	2-3/4
EM214-I012	3/16	1/4	7/8	2-3/4
EM214-I016	1/4	1/4	1-1/4	3-1/8
EM214-I020	5/16	3/8	1-3/8	3-1/8
EM214-I024	3/8	3/8	1-1/2	3-1/4
EM214-I032	1/2	1/2	2"	4"
EM214-I040	5/8	5/8	2-1/2	4-5/8
EM214-I048	3/4	3/4	3"	5-1/4
EM214-I100	1"	3/4	4"	6-1/4
EM214-I101	1"	1"	4"	6-1/2
EM214-I116	1-1/4	1-1/4	4"	6-1/2

Tolerance according to DIN 7160 & 7161 公差對照 DIN 7160 和 7161 標準(德國)

Tolerance range in μm / 公差範圍 (μm)						
Nominal-DIAMETER in mm / 尺寸範圍 (mm)						
D	1 ~ 3	>3 ~ 6	>6 ~ 10	>10 ~ 18	>18 ~ 30	>30 ~ 50
Mill Dia. Tolerance	+30 0					
h6	0 -6	0 -8	0 -9	0 -11	0 -13	0 -16

μm : 1/1000mm

D: MILL DIAMETER
d: SHANK DIAMETER
I: LENGTH OF CUT
L: OVERALL LENGTH
Z: No. OF FLUTE

4 刃特長立銑刀 4 FLUTE EXTRA LONG END MILLS

EM224 系列

SERIES EM224

**HSS
Co8**

**FLUTE
4**



Unit 單位 : mm

ITEM NO. 編號	MILL DIAMETER 刃徑	SHANK DIAMETER 柄徑	LENGTH OF CUT 刃長	OVERALL LENGTH 全長
EM224-16160	16	16	100	160
EM224-20180	20	20	100	180
EM224-20230	20	20	150	230
EM224-25250	25	25	150	250
EM224-32250	32	32	150	250
EM224-32280	32	32	200	280

Unit 單位 : inch

ITEM NO. 編號	MILL DIAMETER 刃徑	SHANK DIAMETER 柄徑	LENGTH OF CUT 刃長	OVERALL LENGTH 全長
EM224-I032	1/2	1/2	3"	5"
EM224-I040	5/8	5/8	4"	6-1/8"
EM224-I048	3/4	3/4	4"	6-1/4"
EM224-I100	1"	3/4	6"	8-1/2"
EM224-I101	1"	1"	6"	8-1/2"
EM224-I116	1-1/4	1-1/4	6"	8-1/2"

Tolerance according to DIN 7160 & 7161

公差對照 DIN 7160 和 7161 標準(德國)

Tolerance range in μm / 公差範圍 (μm)						
Nominal-DIAMETER in mm / 尺寸範圍 (mm)						
D	1 ~ 3	>3 ~ 6	>6 ~ 10	>10 ~ 18	>18 ~ 30	>30 ~ 50
Mill Dia. Tolerance	+30 0					
h6	0 -6	0 -8	0 -9	0 -11	0 -13	0 -16

μm : 1/1000mm

D: MILL DIAMETER
d: SHANK DIAMETER
l: LENGTH OF CUT
L: OVERALL LENGTH

2 刃圓咀立銑刀 2 FLUTE BALL END MILLS

EM232 系列

SERIES EM232

HSS
Co8

FLUTE
2



B2



Unit 單位 : mm

ITEM NO. 編號	MILL DIAMETER 刃徑	SHANK DIAMETER 柄徑	LENGTH OF CUT 刃長	OVERALL LENGTH 全長
EM232-0010	1 (R0.5)	6	2.5	50
EM232-0015	1.5 (R0.75)	6	4	50
EM232-0020	2 (R1)	6	5	50
EM232-0025	2.5 (R1.25)	6	6	60
EM232-0030	3 (R1.5)	6	8	60
EM232-0040	4 (R2)	6	8	70
EM232-0050	5 (R2.5)	6	10	80
EM232-0060	6 (R3)	6	12	90
EM232-0070	7 (R3.5)	8	14	90
EM232-0080	8 (R4)	8	14	100
EM232-0090	9 (R4.5)	10	18	100
EM232-0100	10 (R5)	10	18	100
EM232-0110	11 (R5.5)	12	22	100
EM232-0120	12 (R6)	12	22	110
EM232-0140	14 (R7)	12	26	110
EM232-0160	16 (R8)	16	30	140
EM232-0180	18 (R9)	16	34	140
EM232-0200	20 (R10)	20	38	160
EM232-0250	25 (R12.5)	25	50	180

Unit 單位 : inch

ITEM NO. 編號	MILL DIAMETER 刃徑	SHANK DIAMETER 柄徑	LENGTH OF CUT 刃長	OVERALL LENGTH 全長
EM232-I008	1/8 (R1/16)	1/4	3/8	2-5/16
EM232-I012	3/16 (R3/32)	1/4	1/2	2-3/8
EM232-I016	1/4 (R 1/8)	1/4	5/8	2-7/16
EM232-I020	5/16 (R 5/32)	3/8	3/4	2-1/2
EM232-I024	3/8 (R 3/16)	3/8	3/4	2-1/2
EM232-I032	1/2 (R 1/4)	1/2	1"	3"
EM232-I040	5/8 (R 5/16)	5/8	1-3/8	3-1/2
EM232-I048	3/4 (R 3/8)	3/4	1-5/8	3-7/8
EM232-I100	1" (R 1/2)	3/4	2-1/4	4-1/2

Tolerance according to DIN 7160 & 7161 公差對照 DIN 7160 和 7161 標準(德國)

Tolerance range in μm / 公差範圍 (μm)						
Nominal-DIAMETER in mm / 尺寸範圍 (mm)						
D	1 ~ 3	>3 ~ 6	>6 ~ 10	>10 ~ 18	>18 ~ 30	>30 ~ 50
Mill Dia. Tolerance	0					
	-0.030					
h6	0 -6	0 -8	0 -9	0 -11	0 -13	0 -16

μm : 1/1000mm

D: MILL DIAMETER
d: SHANK DIAMETER
I: LENGTH OF CUT
L: OVERALL LENGTH

粗皮刀(粗齒)

ROUGHING END MILLS, COARSE PITCH

EM234 系列

粗齒

SERIES EM234

**HSS
Co8**

**FLUTE
4**



B2



Unit 單位 : mm

ITEM NO. 編號	MILL DIAMETER 刃徑	SHANK DIAMETER 柄徑	LENGTH OF CUT 刃長	OVERALL LENGTH 全長
EM234-0060	6	6	13	57
EM234-0080	8	10	19	69
EM234-0100	10	10	22	72
EM234-0120	12	12	30	83
EM234-0140	14	12	30	83
EM234-0160	16	16	40	92
EM234-0180	18	16	40	92
EM234-0200	20	20	45	104
EM234-0220	22	20	45	104
EM234-0250	25	25	50	121
EM234-0280	28	25	55	121
EM234-0300	30	25	55	121
EM234-0320	32	32	60	133

Unit 單位 : inch

ITEM NO. 編號	MILL DIAMETER 刃徑	SHANK DIAMETER 柄徑	LENGTH OF CUT 刃長	OVERALL LENGTH 全長
EM234-I016	1/4	3/8	5/8	2-7/16
EM234-I020	5/16	3/8	3/4	2-1/2
EM234-I024	3/8	3/8	3/4	2-1/2
EM234-I032	1/2	1/2	1-1/4	3-1/4
EM234-I040	5/8	5/8	1-5/8	3-3/4
EM234-I048	3/4	3/4	1-5/8	3-3/4
EM234-I100	1"	3/4	2"	4"
EM234-I101	1"	1"	2"	4"
EM234-I116	1-1/4	1-1/4	2"	4-1/2

加長粗皮刀(粗齒)

ROUGHING END MILLS, COARSE PITCH, LONG LENGTH

EM235 系列

SERIES EM235

**HSS
Co8**

**FLUTE
4-6**



B2



Unit 單位 : mm

ITEM NO. 編號	MILL DIAMETER 刃徑	SHANK DIAMETER 柄徑	LENGTH OF CUT 刃長	OVERALL LENGTH 全長	NO. OF FLUTE 刃數
EM235-0100	10	10	45	95	4
EM235-0120	12	12	53	110	4
EM235-0140	14	12	53	110	4
EM235-0160	16	16	63	123	4
EM235-0180	18	16	63	123	4
EM235-0200	20	20	75	141	4
EM235-0250	25	25	90	166	5
EM235-0320	32	32	106	186	6

Unit 單位 : inch

ITEM NO. 編號	MILL DIAMETER 刃徑	SHANK DIAMETER 柄徑	LENGTH OF CUT 刃長	OVERALL LENGTH 全長
EM235-I032	1/2	1/2	2"	4"
EM235-I040	5/8	5/8	2-1/2"	4-5/8"
EM235-I048	3/4	3/4	3"	5-1/4"
EM235-I100	1"	3/4	4"	6-1/2"
EM235-I101	1"	1"	4"	6-1/2"
EM235-I116	1-1/4	1-1/4	4"	6-1/2"

Tolerance according to DIN 7160 & 7161

公差對照 DIN 7160 和 7161 標準(德國)

Tolerance range in μm / 公差範圍 (μm)						
Nominal-DIAMETER in mm / 尺寸範圍 (mm)						
D	1 ~ 3	>3 ~ 6	>6 ~ 10	>10 ~ 18	>18 ~ 30	>30 ~ 50
Mill Dia. Tolerance	±120					
h6	0 -6	0 -8	0 -9	0 -11	0 -13	0 -16

μm : 1/1000mm

D: MILL DIAMETER
d: SHANK DIAMETER
l: LENGTH OF CUT
L: OVERALL LENGTH
Z: No. OF FLUTE

粗皮圓咀刀 ROUGHING BALL END MILLS

EM236 系列

SERIES EM236

**HSS
Co8**

**FLUTE
4**



B3



Unit 單位 : mm

ITEM NO. 編號	MILL DIAMETER 刃徑	SHANK DIAMETER 柄徑	LENGTH OF CUT 刃長	OVERALL LENGTH 全長
EM236-0080	8 (R4)	8	20	90
EM236-0100	10 (R5)	10	25	100
EM236-0120	12 (R6)	12	32	115
EM236-0140	14 (R7)	12	32	115
EM236-0160	16 (R8)	16	36	130
EM236-0180	18 (R9)	16	40	130
EM236-0200	20 (R10)	20	45	145
EM236-0250	25 (R12.5)	25	50	165
EM236-0320	32 (R16)	25	63	180

Tolerance according to DIN 7160 & 7161

公差對照 DIN 7160 和 7161 標準(德國)

Tolerance range in μm / 公差範圍 (μm)						
Nominal-DIAMETER in mm / 尺寸範圍 (mm)						
D	1 ~ 3	>3 ~ 6	>6 ~ 10	>10 ~ 18	>18 ~ 30	>30 ~ 50
Mill Dia. Tolerance	±120					
h6	0 -6	0 -8	0 -9	0 -11	0 -13	0 -16

μm : 1/1000mm

D: MILL DIAMETER
d: SHANK DIAMETER
L: LENGTH OF CUT
L: OVERALL LENGTH
Z: No. OF FLUTE

TiCN 2 刃立銑刀
TiCN-COATED 2 FLUTE END MILLS

EM242 系列

SERIES EM242

HSS
Co8

FLUTE
2



B3-B4



Unit 單位 : mm

ITEM NO. 編號	MILL DIAMETER 刃徑	SHANK DIAMETER 柄徑	LENGTH OF CUT 刃長	OVERALL LENGTH 全長
EM242-0010	1	6	2.5	55
EM242-0015	1.5	6	4	55
EM242-0020	2	6	6	55
EM242-0025	2.5	6	7	55
EM242-0030	3	6	10	55
EM242-0035	3.5	6	12	60
EM242-0040	4	6	12	60
EM242-0045	4.5	6	15	60
EM242-0050	5	6	15	60
EM242-0060	6	6	15	60
EM242-0070	7	8	20	65
EM242-0080	8	8	20	65
EM242-0090	9	10	25	70
EM242-0100	10	10	25	70
EM242-0110	11	12	30	80
EM242-0120	12	12	30	80
EM242-0130	13	12	35	85
EM242-0140	14	12	35	90
EM242-0160	16	16	40	95
EM242-0180	18	16	40	105
EM242-0200	20	20	45	110
EM242-0250	25	25	50	120

TiCN 4 刃立銑刀 TiCN-COATED 4 FLUTE END MILLS

EM244 系列

SERIES EM244

**HSS
Co8**

**FLUTE
4**



B4



Unit 單位 : mm

ITEM NO. 編號	MILL DIAMETER 刃徑	SHANK DIAMETER 柄徑	LENGTH OF CUT 刃長	OVERALL LENGTH 全長
EM244-0020	2	6	6	50
EM244-0025	2.5	6	6	50
EM244-0030	3	6	10	50
EM244-0035	3.5	6	12	60
EM244-0040	4	6	12	60
EM244-0045	4.5	6	15	60
EM244-0050	5	6	15	60
EM244-0060	6	6	15	60
EM244-0070	7	8	20	65
EM244-0080	8	8	20	65
EM244-0090	9	10	25	70
EM244-0100	10	10	25	70
EM244-0110	11	12	30	80
EM244-0120	12	12	30	80
EM244-0130	13	12	35	85
EM244-0140	14	12	35	90
EM244-0160	16	16	40	95
EM244-0180	18	16	40	105
EM244-0200	20	20	45	115
EM244-0250	25	25	50	120

Unit 單位 : inch

ITEM NO. 編號	MILL DIAMETER 刃徑	SHANK DIAMETER 柄徑	LENGTH OF CUT 刃長	OVERALL LENGTH 全長
EM244-I008	1/8	1/4	1/2	2-7/16
EM244-I010	5/32	1/4	9/16	2-1/2
EM244-I012	3/16	1/4	5/8	2-1/2
EM244-I016	1/4	1/4	3/4	2-1/2
EM244-I020	5/16	3/8	3/4	2-1/2
EM244-I024	3/8	3/8	3/4	2-1/2
EM244-I032	1/2	1/2	1-1/4	3-1/4
EM244-I040	5/8	5/8	1-5/8	3-3/4
EM244-I048	3/4	3/4	1-5/8	3-7/8
EM244-I100	1"	3/4	1-7/8	4-1/8

TiCN 2 刃加長立銑刀
TiCN-COATED 2 FLUTE LONG END MILLS

EM252 系列

SERIES EM252

**HSS
Co8**

**FLUTE
2**



B3-B4



Unit 單位 : mm

ITEM NO. 編號	MILL DIAMETER 刃徑	SHANK DIAMETER 柄徑	LENGTH OF CUT 刃長	OVERALL LENGTH 全長
EM252-0060	6	6	25	70
EM252-0080	8	8	35	85
EM252-0100	10	10	45	100
EM252-0120	12	12	55	115
EM252-0140	14	16	55	120
EM252-0160	16	16	65	130
EM252-0180	18	16	65	130
EM252-0200	20	20	75	145
EM252-0250	25	25	90	165

TiCN 4 刃加長立銑刀 TiCN-COATED 4 FLUTE LONG END MILLS

EM254 系列

SERIES EM254

**HSS
Co8**

**FLUTE
4**



B4



Unit 單位 : mm

ITEM NO. 編號	MILL DIAMETER 刃徑	SHANK DIAMETER 柄徑	LENGTH OF CUT 刃長	OVERALL LENGTH 全長
EM254-0030	3	6	15	60
EM254-0040	4	6	20	65
EM254-0050	5	6	25	70
EM254-0060	6	6	25	70
EM254-0080	8	8	35	85
EM254-0100	10	10	45	100
EM254-0120	12	12	55	115
EM254-0140	14	16	55	120
EM254-0160	16	16	65	130
EM254-0180	18	16	65	130
EM254-0200	20	20	75	145
EM254-0250	25	25	90	165

Unit 單位 : inch

ITEM NO. 編號	MILL DIAMETER 刃徑	SHANK DIAMETER 柄徑	LENGTH OF CUT 刃長	OVERALL LENGTH 全長
EM254-I008	1/8	1/4	3/4	2-3/4
EM254-I012	3/16	1/4	7/8	2-3/4
EM254-I016	1/4	1/4	1-1/4	3-1/8
EM254-I020	5/16	3/8	1-3/8	3-1/8
EM254-I024	3/8	3/8	1-1/2	3-1/4
EM254-I032	1/2	1/2	2"	4"
EM254-I040	5/8	5/8	2-1/2	4-5/8
EM254-I048	3/4	3/4	3"	5-1/4
EM254-I100	1"	3/4	4"	6-1/4

TiCN 2 刃圓鼻立銑刀
TiCN-COATED 2 FLUTE BALL END MILLS

EM262 系列

SERIES EM262

HSS
Co8

FLUTE
2



B4



Unit 單位 : mm

ITEM NO. 編號	RADIUS 半徑	SHANK DIAMETER 柄徑	LENGTH OF CUT 刃長	OVERALL LENGTH 全長
EM262-0010	R0.5	6	2.5	50
EM262-0015	R0.75	6	4	50
EM262-0020	R1	6	5	50
EM262-0025	R1.25	6	6	60
EM262-0030	R1.5	6	8	60
EM262-0040	R2	6	8	70
EM262-0050	R2.5	6	10	80
EM262-0060	R3	6	12	90
EM262-0080	R4	8	14	100
EM262-0100	R5	10	18	100
EM262-0120	R6	12	22	110
EM262-0160	R8	16	30	140
EM262-0200	R10	20	38	160
EM262-0250	R12.5	25	50	180

TiCN 粗皮刀(粗齒)

TiCN-COATED ROUGHING END MILLS, COARSE PITCH

EM2608 系列

SERIES EM2608

HSS
Co8

FLUTE
4



B5



Unit 單位 : mm

ITEM NO. 編號	MILL DIAMETER 刃徑	SHANK DIAMETER 柄徑	LENGTH OF CUT 刃長	OVERALL LENGTH 全長
EM2608-0060	6	6	13	57
EM2608-0080	8	10	19	69
EM2608-0100	10	10	22	72
EM2608-0120	12	12	30	83
EM2608-0140	14	12	30	83
EM2608-0160	16	16	40	92
EM2608-0180	18	16	40	92
EM2608-0200	20	20	45	104
EM2608-0220	22	20	45	104
EM2608-0250	25	25	50	121
EM2608-0300	30	25	55	121
EM2608-0320	32	32	60	133

Unit 單位 : inch

ITEM NO. 編號	MILL DIAMETER 刃徑	SHANK DIAMETER 柄徑	LENGTH OF CUT 刃長	OVERALL LENGTH 全長
EM2608-I024	3/8	3/8	3/4	2-1/2
EM2608-I032	1/2	1/2	1-1/4	3-1/4
EM2608-I040	5/8	5/8	1-5/8	3-3/4
EM2608-I048	3/4	3/4	1-5/8	3-3/4
EM2608-I100	1"	3/4	2"	4"
EM2608-I101	1"	1"	2"	4"

TiCN 加長粗皮刀(粗齒)

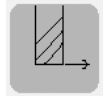
TiCN-COATED ROUGHING END MILLS, LONG LENGTH, COARSE PITCH

EM2618 系列

SERIES EM2618

HSS
Co8

FLUTE
4



B5



Unit 單位 : mm

ITEM NO. 編號	MILL DIAMETER 刃徑	SHANK DIAMETER 柄徑	LENGTH OF CUT 刃長	OVERALL LENGTH 全長
EM2618-0100	10	10	45	95
EM2618-0120	12	12	53	110
EM2618-0140	14	12	53	110
EM2618-0160	16	16	63	123
EM2618-0180	18	16	63	123
EM2618-0200	20	20	75	141
EM2618-0250	25	25	90	166
EM2618-0320	32	32	100	170

Unit 單位 : inch

ITEM NO. 編號	MILL DIAMETER 刃徑	SHANK DIAMETER 柄徑	LENGTH OF CUT 刃長	OVERALL LENGTH 全長
EM2618-I032	1/2	1/2	2"	4"
EM2618-I040	5/8	5/8	2-1/2"	4-5/8"
EM2618-I048	3/4	3/4	3"	5-1/4"
EM2618-I100	1"	3/4	4"	6-1/2"
EM2618-I101	1"	1"	4"	6-1/2"

TiCN 粗皮刀(細齒)

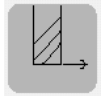
TiCN-COATED ROUGHING END MILLS, FINE PITCH

EM2606 系列

SERIES EM2606

HSS
Co8

FLUTE
4



B5-B6



Unit 單位 : mm

ITEM NO. 編號	MILL DIAMETER 刃徑	SHANK DIAMETER 柄徑	LENGTH OF CUT 刃長	OVERALL LENGTH 全長
EM2606-0060	6	6	13	57
EM2606-0080	8	10	19	69
EM2606-0100	10	10	22	72
EM2606-0120	12	12	30	83
EM2606-0140	14	12	30	83
EM2606-0160	16	16	40	92
EM2606-0180	18	16	40	92
EM2606-0200	20	20	45	104
EM2606-0220	22	20	45	104
EM2606-0250	25	25	50	121
EM2606-0280	28	25	55	121
EM2606-0300	30	25	55	121
EM2606-0320	32	32	60	133

Unit 單位 : inch

ITEM NO. 編號	MILL DIAMETER 刃徑	SHANK DIAMETER 柄徑	LENGTH OF CUT 刃長	OVERALL LENGTH 全長
EM2606-I016	1/4	3/8	5/8	2-7/16
EM2606-I020	5/16	3/8	3/4	2-1/2
EM2606-I024	3/8	3/8	3/4	2-1/2
EM2606-I032	1/2	1/2	1-1/4	3-1/4
EM2606-I040	5/8	5/8	1-5/8	3-3/4
EM2606-I048	3/4	3/4	1-5/8	3-3/4
EM2606-I100	1"	3/4	2"	4"
EM2606-I101	1"	1"	2"	4"

TiCN 加長粗皮刀(細齒)

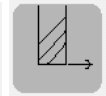
TiCN-COATED LONG ROUGHING END MILLS, FINE PITCH

EM2616 系列

SERIES EM2616

**HSS
Co8**

**FLUTE
4**



B5-B6



Unit 單位 : mm

ITEM NO. 編號	MILL DIAMETER 刃徑	SHANK DIAMETER 柄徑	LENGTH OF CUT 刃長	OVERALL LENGTH 全長
EM2616-0100	10	10	45	95
EM2616-0120	12	12	53	110
EM2616-0140	14	12	53	110
EM2616-0160	16	16	63	123
EM2616-0180	18	16	63	123
EM2616-0200	20	20	75	141
EM2616-0250	25	25	90	166
EM2616-0320	32	32	100	170

TiCN 粗皮刀(極細齒)

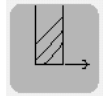
TiCN-COATED ROUGHING END MILLS, EXTRA FINE PITCH

EM2604 系列

SERIES EM2604

**HSS
Co8**

**FLUTE
4**



B6-B7



Unit 單位 : mm

ITEM NO. 編號	MILL DIAMETER 刃徑	SHANK DIAMETER 柄徑	LENGTH OF CUT 刃長	OVERALL LENGTH 全長
EM2604-0060	6	6	13	57
EM2604-0080	8	10	19	69
EM2604-0100	10	10	22	72
EM2604-0120	12	12	26	83
EM2604-0140	14	12	26	83
EM2604-0160	16	16	32	92
EM2604-0180	18	16	32	92
EM2604-0200	20	20	38	104
EM2604-0220	22	20	38	104
EM2604-0250	25	25	45	121

2 刃及 4 刃錐度立銑刀 2 FLUTE & 4 FLUTE TAPER END MILLS

EM282 & EM284 系列
SERIES EM282 & EM284



Unit 單位 : mm

ITEM NO. 編號	TAPER ANGLE 錐度	MILL DIAMETER 先端徑	SHANK DIAMETER 柄徑 h6	LENGTH OF CUT 刃長	粗端徑	OVERALL LENGTH 全長	ITEM NO. 編號	TAPER ANGLE 錐度	MILL DIAMETER 先端徑	SHANK DIAMETER 柄徑 h6	LENGTH OF CUT 刃長	粗端徑	OVERALL LENGTH 全長	
EM282-05010	1/2°	1	6	4	1.07	45	EM282-20025	2°	2.5	6	8	3.05	45	
EM282-05015		1.5	6	5	1.59	45	EM282-20030		3	6	10	3.69	45	
EM282-05020		2	6	6	2.10	45	EM282-20040		4	6	15	5.04	50	
EM282-05025		2.5	6	8	2.64	45	EM282-20050		5	6	20	6.39	55	
EM282-05030		3	6	10	3.17	45	EM282-20060		6	6	20	7.40	55	
EM282-05040		4	6	15	4.26	50	EM284-20080		8	8	25	9.74	65	
EM282-05050		5	6	20	5.34	55	EM284-20100		10	12	35	12.44	90	
EM282-05060		6	6	20	6.35	55	EM284-20120		12	12	55	15.84	110	
EM284-05080		8	8	25	8.44	65	EM284-20160		16	20	65	20.53	130	
EM284-05100		10	10	35	10.61	85	EM282-25030		3	6	10	3.87	45	
EM284-05120		12	12	55	12.96	110	EM282-25040		4	6	15	5.31	50	
EM284-05160		16	16	65	17.13	130	EM282-25050		5	6	20	6.74	55	
EM282-10010		1°	1	6	4	1.14	45		EM282-25060	6	6	20	7.75	55
EM282-10015			1.5	6	5	1.67	45		EM284-25080	8	10	25	10.18	70
EM282-10020			2	6	6	2.21	45		EM284-25100	10	12	35	13.06	90
EM282-10025			2.5	6	8	2.78	45		EM284-25120	12	16	55	16.80	110
EM282-10030	3		6	10	3.35	45	EM284-25160	16	20	65	21.68	130		
EM282-10040	4		6	15	4.52	50	EM282-30010	1	6	4	1.42	45		
EM282-10050	5		6	20	5.70	55	EM282-30015	1.5	6	5	2.02	45		
EM282-10060	6		6	20	6.70	55	EM282-30020	2	6	6	2.62	45		
EM284-10080	8		8	25	8.87	65	EM282-30025	2.5	6	8	3.33	45		
EM284-10100	10		10	35	11.22	85	EM282-30030	3	6	10	4.05	45		
EM284-10120	12		12	55	13.92	110	EM282-30040	4	6	15	5.57	50		
EM284-10160	16		16	65	18.27	130	EM282-30050	5	6	20	7.10	55		
EM282-15010	1-1/2°		1	6	4	1.21	45	EM282-30060	6	8	20	8.10	60	
EM282-15015			1.5	6	5	1.76	45	EM284-30080	8	10	25	10.62	70	
EM282-15020			2	6	6	2.31	45	EM284-30100	10	12	35	13.67	90	
EM282-15025			2.5	6	8	2.91	45	EM284-30120	12	16	55	17.76	110	
EM282-15030		3	6	10	3.52	45	EM284-30160	16	20	65	22.81	130		
EM282-15040		4	6	15	4.79	50	EM282-50020	2	6	6	3.05	50		
EM282-15050		5	6	20	6.04	55	EM282-50025	2.5	6	8	3.90	50		
EM282-15060		6	6	20	7.05	55	EM282-50030	3	6	10	4.75	50		
EM284-15080		8	8	25	9.31	65	EM282-50040	4	6	15	6.62	60		
EM284-15100		10	10	35	11.83	85	EM282-50050	5	8	20	8.50	80		
EM284-15120		12	12	55	14.88	110	EM282-50060	6	8	20	9.50	80		
EM284-15160		16	16	65	19.40	130	EM284-50080	8	12	25	12.37	90		
EM282-20010		2°	1	6	4	1.28	45	EM284-50100	10	16	35	16.12	115	
EM282-20015			1.5	6	5	1.85	45	EM284-50120	12	20	55	21.62	155	
EM282-20020			2	6	6	2.41	45	EM284-50160	16	25	65	27.37	165	

TOLERANCE of MILL DIA. 刃徑公差	+0.01 -0.05
TOLERANCE of TAPER ANGLE 錐度公差	± 5'

unit: mm