立銑刀系列

END MILL SERIES

方肩銑削
Shoulder Face Milling Series

平面銑削
Surface Milling Series

銑　　槽
Mortising Series

多功能銑削
Multi-Function Milling Series

仿形銑削
Profile Milling Series

I

銑　刀

End Mill Cutter

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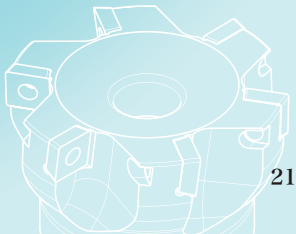

方肩銑削系列索引表

Shoulder Face Milling Series Index

刀片形狀 Insert Type	刀桿形狀 Tool Type	切削刃外徑(D) Shank Dia.(mm)	頁碼 Page
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90°正方形 Square Type S	EASX400	Ø50 Ø63 Ø80 Ø100 Ø125 Ø139	240
三角形 Triangular Type T	SAE-00	Ø30 Ø33 Ø40 Ø45 Ø50 Ø63	236

平面銑削系列索引表

Surface Milling Series Index

刀片形狀 Insert Type	刀桿形狀 Tool Type	切削刃外徑(D) Shank Dia.(mm)	頁碼 Page	刀片形狀 Insert Type	刀桿形狀 Tool Type	切削刃外徑(D) Shank Dia.(mm)	頁碼 Page
	EC	Ø64 Ø74 Ø94 Ø114 Ø139	244	 80˚菱 形 Diamond Type C	S45SE00	Ø50 Ø125 Ø63 Ø160 Ø80 Ø100	243
					SE50-C00	Ø50	242

銑槽系列索引表

Mortising Series Index

刀片形狀 Insert Type	刀桿形狀 Tool Type	切削刃外徑(D) Shank Dia.(mm)	頁碼 Page	刀片形狀 Insert Type	刀桿形狀 Tool Type	切削刃外徑(D) Shank Dia.(mm)	頁碼 Page
 80˚菱 形 Diamond Type C	TS00-C00	Ø20 Ø40 Ø25 Ø50 Ø30 Ø35	245	 90˚正方形 Square Type S	SC	Ø100 Ø126 Ø160 Ø200	246
	TSP	Ø20 Ø40 Ø25 Ø50 Ø30 Ø35	245		SCT	Ø160 Ø200	246

多功能銑削系列索引表

Multi-Function Milling Series Index

刀片形狀 Insert Type	刀桿形狀 Tool Type	切削刃外徑(D) Shank Dia.(mm)	頁碼 Page	刀片形狀 Insert Type	刀桿形狀 Tool Type	切削刃外徑(D) Shank Dia.(mm)	頁碼 Page
 三 角 形 Triangular Type T	TM45˚	Ø21 Ø31 Ø48.8 Ø63.8	254	 三 角 形 Triangular Type T	TC45˚	Ø25 Ø30 Ø40	255
	TM60˚	Ø21 Ø31 Ø48.8 Ø63.8	254				

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B 鎢鋼端銑刀 CARBIDE END MILL
C 外徑車刀架 TOOL HOLDER
D 外徑出水車刀架 TOOL HOLDER WITH COOLANT
E 走心式車刀架 AUTOMATIC LATHES
F 手工具 HAND TOOLS
G 內徑車刀架 BORING BAR
H 切斷刀架 GROOVING
I 銑刀 END MILL CUTTER
J 快速鑽頭 RAPID DRILL
K 機床配件 MACHINE ACCESSORIES

仿型銑削系列索引表

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刀片形狀 Insert Type	刀桿形狀 Tool Type	切削刃外徑(D) Shank Dia.(mm)	頁碼 Page
圓形 Round Type R	EDRDH00	Ø16 Ø30 Ø17 Ø32 Ø20 Ø35 Ø21 Ø25 Ø26	248
	EC00M00000	柄徑(D) Shank Dia.(mm) Ø8 Ø20 Ø10 Ø25 Ø12 Ø32 Ø16	249
	(E)RD(HA)0R0	Ø10 Ø20 Ø35 Ø11 Ø21 Ø12 Ø25 Ø13 Ø26 Ø16 Ø30 Ø17 Ø32	250
六邊形 Hexagon Type W	EZC	Ø16 Ø32 Ø18 Ø35 Ø20 Ø40 Ø22 Ø50 Ø25 Ø63 Ø28	253
圓形 Round Type R	ERDH	Ø50 Ø63	251

加工圖示指南

Processing Icon Guide

圖標 Icon	說明 Explanation	圖標 Icon	說明 Explanation	圖標 Icon	說明 Explanation
	直角鑽孔 Right angle Drilling		曲面銑削 Surface Milling		R角開槽 R Corner Slotced
	圓孔倒角 Chamfer Of Rounding Hole		仿型銑削 Profilemilling		R角側銑 R Corner Side Milling
	槽銑 Slot Milling		全開槽 Full Slot		R溝槽 R Slot
	T型槽銑 T Type		斜度坡走銑削 Angular Plunge Grinding		
	側銑 Side Milling		平面銑削 Slab Milling		

EAX 系列 EAX series

強化了刀尖的低抵抗刀片和高度的切刃

Precision insert with strong cutting edge and low cutting force design

採用獨自的曲線狀切刃，提高刃尖強度，減小了切削阻抗。
Unique curved cutting edge design lowers cutting force yet improves.

高精度切刃實現了接近精加工領域的高品質加工面。
Achieving high quality finish with high precision cutting edge.

在深溝槽加工和低剛性機床上也可流暢加工。
Smooth cutting even for deep grooves and low rigidity machines.

高耐久性刀體

Highly durable body

以特殊表面處理，提高了耐腐蝕性，耐磨損性。
Special surface treatment improves corrosion resistance and scratch resistance.

以增大螺孔直徑，提高鎖緊力和耐久性。
Increased screw size improves clamping force and durability.

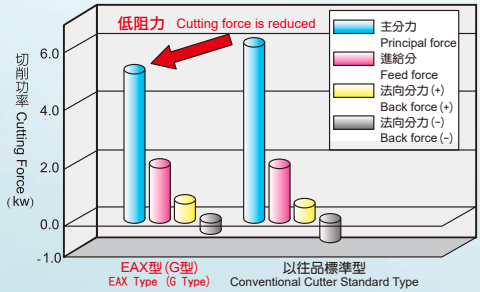
全型號帶氣孔

Internal coolant-holes are a standard feature for the whole series

氣冷和水冷，便排屑順暢。
Improved chip evacuation with air or coolant supply.

切削功率 Cutting force

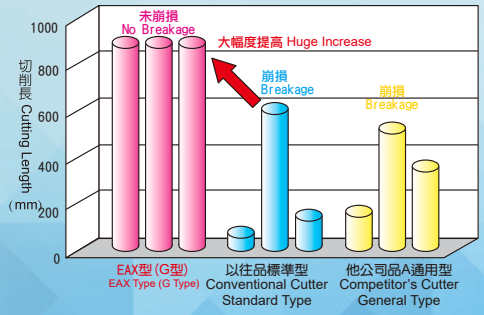
比以往品減削15%的切削阻力(主成份)
Cutting resistance (main component) is approx 15% lower than conventional cutters.



切削條件	Cutting conditions
被削材	Work material：S50C
刀具	Tool：EAX3035E (Ø32)
刀片	Insert：AXMT170508PEER-G
材質	Grade：ACP200
切削速度	Cutting speed：V_c=200m/min
進給是	Feed rate：f_z=0.2mm/t (V_f=1,200mm/min
切削寬	Cutting width：a_e=8mm
切深是	Cutting depth：a_p=10mm

耐崩損性 Fracture resistance

刀尖強度強化，耐崩損性大幅提高
Huge increase in fracture resistance with improved cutting edge strength.



切削條件	Cutting conditions
被削材	Work material：SCM440
刀具	Tool：EAX3032E (Ø32)
刀片	Insert：AXMT170508PEER-G
切削速度	Cutting speed：V_c=100m/min
進給是	Feed rate：f_z=0.4mm/t (V_f=1,260mm/min
切削寬	Cutting width：a_e=25mm
切深是	Cutting depth：a_p=3mm

材質推薦切屑表

Recommended Cutting Condition

被削材 Workpiece			刃徑 Diameter		
			10-22mm	25-40mm	50-63mm
P 鋼 Steel	軟鋼 Mild Steel (SS400)	V	80-**100**-120	100-**150**-180	100-**150**-180
		f	0.08-**0.10**-0.15	0.10-**0.12**-0.20	0.10-**0.12**-0.20
M 不鏽鋼 Stainless steel	不鏽鋼 Stainless Steel (SUS304)	V	70-**100**-120	80-**140**-160	80-**140**-160
		f	0.08-**0.10**-0.15	0.10-**0.12**-0.20	0.10-**0.12**-0.20
K 鑄鐵 Cast	鑄鐵 Cast Iron (FC250)	V	80-**100**-120	100-**150**-180	100-**150**-180
		f	0.08-**0.10**-0.15	0.10-**0.15**-0.20	0.10-**0.15**-0.20
N 非鐵金屬 Alloy	合金 (ADC12)	V	200-**300**-500	200-**500**-1000	200-**500**-1000
		f	0.08-**0.10**-0.15	0.10-**0.15**-0.20	0.10-**0.15**-0.20

●(V=m/min. f=mm/刃) (下限值－推薦－上限值) (Min.－Optimun－Max.)
●工具回轉速度(N)=〔1000×切削速度(V)〕÷〔3.14×工具直徑(D)〕
●總進給(F)=〔每刃進給(ft)×工具刃數(Z)×工具回轉速度(N)〕

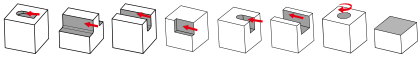
AXMT 刀片 CN INSERT 85°

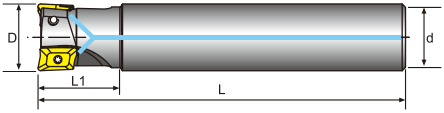
塗層硬質合金 Carbide Coated

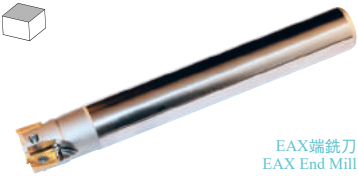
形狀 Shape	型號 Model No	寸法 R	P ACP100	P/M ACP200	P/M ACP300	K ACK200	K ACK300	K/M ACK310	P ACZ330	P/M ACZ350	N H1
	AXMT123504PEER-G	0.4		●	●	●					
	AXMT123508PEER-G	0.8		●	●	●					
	AXMT123504PEER-H	0.4		●	●	●					
	AXMT123508PEER-H	0.8		●	●	●					
	AXMT170504PEER-G	0.4		●	●	●					
	AXMT170508PEER-G	0.8		●	●	●					
	AXMT170508PEER-H	0.8		●	●	●					
	AXMT123504PEFR-S	0.4									●
	AXMT170504PEFR-S	0.4									●

●末尾 G：範用型(General) H：重切削(Heavy) S：鋁用(Aluminum)
＊僅限部份地區銷售 ＊limited sales for aome areas

EAX20-O





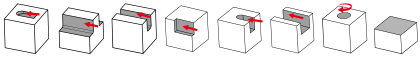


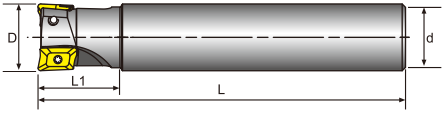
EAX端銑刀
EAX End Mill

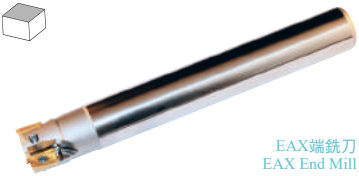
產品型號 Model No	在庫 Stock	寸法 Dimension(mm) D	d	L	L1	INO	刀片 Insert	零件 Parts 螺絲 Screw	旗型板手 Wrench	價格 Price
EAX2014E-80-O	●	14	16	80	25	1				
EAX2016E-100-O	●	16	16	100	25	2				
EAX2018E-100-O	●	18	16	100	25	2				
EAX2020E-100-2T-O	●	20	20	100	30	2				
EAX2020E-110-O	●	20	20	110	30	3				
EAX2022E-110-O	●	22	20	110	30	3				
EAX2025E-120-O	●	25	25	120	35	4				
EAX2028E-120-O	●	28	25	120	35	4				
EAX2030E-120-O	●	30	25	120	35	4				
EAX2032E-130-O	●	32	32	130	40	5				
EAX2040E-150-O	●	40	32	150	30	6				
EAX2050E-150-O	●	50	32	150	30	7				
EAX2063E-150-O	●	63	32	150	30	8	AX□□1235□□	CS30A	T-8	
EAX2014EL-120-O	●	14	16	120	25	1				
EAX2016EL-145-O	●	16	16	145	25	2				
EAX2018EL-145-O	●	18	16	145	25	2				
EAX2020EL-150-O	●	20	20	150	40	3				
EAX2022EL-150-O	●	22	20	150	30	3				
EAX2025EL-170-O	●	25	25	170	50	4				
EAX2026EL-200-O	●	26	25	200	50	4				
EAX2028EL-170-O	●	28	25	170	30	4				
EAX2030EL-170-O	●	30	25	170	30	4				
EAX2032EL-180-O	●	32	32	180	60	5				
EAX2040EL-180-O	●	40	32	180	30	6				
EAX2040EL-180-6T-O	●	40	32	180	30	6				

●刀片資料：AX□□1235□□→參考216頁
●Insert Detail：AX□□1235□□→Ref.Page-216
●-O：Oil hole
●-O：帶水孔。
●僅限部份地區銷售
●Limited sales for some areas

EAX20







EAX端銑刀
EAX End Mill

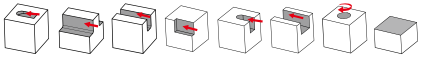
產品型號 Model No	在庫 Stock	寸法 Dimension(mm) D	d	L	L1	INO	刀片 Insert	零件 Parts 螺絲 Screw	旗型板手 Wrench	價格 Price
EAX2014E-80	●	14	16	80	25	1	AX□□1234□□	CS30A	T-8	
EAX2016E-100	●	16	16	100	25	2				
EAX2018E-100	●	18	16	100	25	2				
EAX2020E-110	●	20	20	110	30	3				
EAX2022E-110	●	22	20	110	30	3				
EAX2025E-120	●	25	25	120	35	4				
EAX2028E-120	●	28	25	120	35	4				
EAX2030E-120	●	30	25	120	35	4				
EAX2032E-130	●	32	32	130	40	5				
EAX2040E-150	●	40	32	150	30	6				
EAX2050E-150	●	50	32	150	30	7				
EAX2063E-150	●	63	32	150	30	8				
EAX2014EL-120	●	14	16	120	25	1				
EAX2016EL-145	●	16	16	145	25	2				
EAX2017EL-145	●	17	16	145	25	2				
EAX2017EL-150	●	17	16	150	25	2				
EAX2018EL-145	●	18	16	145	25	2				
EAX2020EL-150	●	20	20	150	40	3				
EAX2021EL-150	●	21	20	150	40	2				
EAX2021EL-200	●	21	20	200	40	2				
EAX2021EL-250	●	21	20	250	40	2				
EAX2021EL-150-3T	●	21	20	150	40	3				
EAX2021EL-200-3T	●	21	20	200	40	3				
EAX2021EL-250-3T	●	21	20	250	40	3				
EAX2022EL-150	●	22	20	150	30	3				
EAX2025EL-170	●	25	25	170	50	2				
EAX2025EL-170-4T	●	25	25	170	50	4				
EAX2026EL-150	●	26	25	150	35	2				
EAX2026EL-200	●	26	25	200	35	2				
EAX2026EL-250	●	26	25	250	35	2				

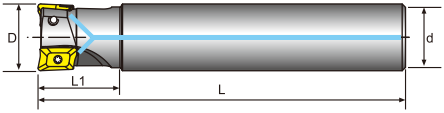
※ 請接下頁。 ※ Continued on next page.

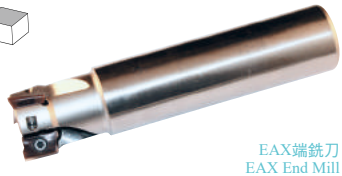
產品型號 Model No	在庫 Stock	寸法 Dimension(mm) D	d	L	L1	INO	刀片 Insert	零件 Parts 螺絲 Screw	旗型板手 Wrench	價格 Price
EAX2026EL-150-4T	●	26	25	150	35	4	AX□□1235□□	CS30A	T-8	
EAX2026EL-200-4T	●	26	25	200	35	4				
EAX2026EL-250-4T	●	26	25	250	35	4				
EAX2028EL-170	●	28	25	170	30	2				
EAX2030EL-170	●	30	25	170	30	2				
EAX2032EL-180-4T	●	32	32	180	60	4				
EAX2032EL-180	●	32	32	180	60	5				
EAX2033EL-150	●	33	32	150	40	5				
EAX2033EL-200	●	33	32	200	40	5				
EAX2033EL-250	●	33	32	250	40	5				
EAX2033EL-300	●	33	32	300	40	5				
EAX2035EL-150	●	35	32	150	40	5				
EAX2035EL-200	●	35	32	200	40	5				
EAX2035EL-250	●	35	32	250	40	5				
EAX2035EL-300	●	35	32	300	40	5				
EAX2040EL-180	●	40	32	180	30	6				

●刀片資料：AX□□1235□□→參考216頁
●Insert Detail：AX□□1235□□→Ref.Page-216
●僅限部份地區銷售
●Limited sales for some areas

EAX30-O





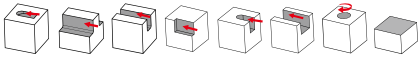


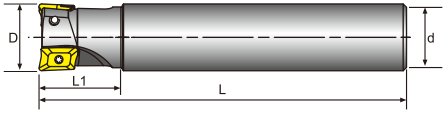
EAX端銑刀
EAX End Mill

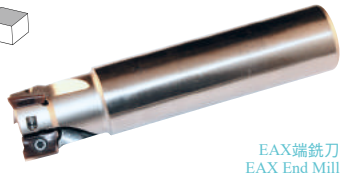
產品型號 Model No	在庫 Stock	寸法 Dimension(mm) D	d	L	L1	INO	刀片 Insert	零件 Parts 螺絲 Screw	旗型板手 Wrench	價格 Price
EAX3025E-20-120-O	●	25	20	120	35	2	AX□□1705□□	CS40	T-15	
EAX3025E-120-O	●	25	25	120	35	2				
EAX3028E-120-O	●	28	25	120	35	2				
EAX3030E-130-O	●	30	25	130	40	3				
EAX3032E-25-130-O	●	32	25	130	40	3				
EAX3032E-130-O	●	32	32	130	40	3				
EAX3035E-130-O	●	35	32	130	40	3				
EAX3040E-170-O	●	40	32	170	50	4				
EAX3050E-170-O	●	50	32	170	50	5				
EAX3063E-170-O	●	63	32	170	50	6				
EAX3050ES-135-O	●	50	32	135	25	5				
EAX3050ES-42-135-O	●	50	42	135	25	5				
EAX3063ES-135-O	●	63	32	135	25	6				
EAX3063ES-42-135-O	●	63	42	135	25	6				
EAX3025EL-170-O	●	25	25	170	50	2				
EAX3028EL-170-O	●	28	25	170	50	2				
EAX3030EL-180-O	●	30	25	180	60	2				
EAX3030EL-O-3T	●	30	25	180	60	3				
EAX3032EL-180-O	●	32	32	180	60	2				
EAX3035EL-180-O	●	35	32	180	60	2				
EAX3040EL-220-O	●	40	32	220	80	2				
EAX3040E-C-170-O	●	40	32	170	50	3				
EAX3050E-C-170-O	●	50	32	170	50	3				
EAX3063E-C-170-O	●	63	32	170	50	4				
EAX3050ES-C-135-O	●	50	32	135	25	3				
EAX3050ES-C-42-135-O	●	50	42	135	25	3				
EAX3063-ES-C-135-O	●	63	32	135	25	4				
EAX3063-ES-C-42-135-O	●	63	42	135	25	4				

●刀片資料：AX□□1705□□→參考216頁
●Insert Detail：AX□□1705□□→Ref.Page-216
●-O：Oil hole ●-O：帶水孔。
●僅限部份地區銷售 ●Limited sales for some areas

EAX30







EAX端銑刀
EAX End Mill

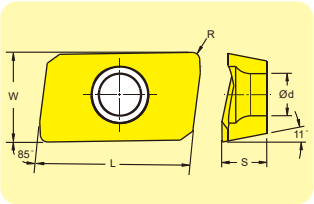
產品型號 Model No	在庫 Stock	寸法 Dimension(mm) D	d	L	L1	INO	刀片 Insert	零件 Parts 螺絲 Screw	旗型板手 Wrench	價格 Price
EAX3025E-20-120	●	25	20	120	35	2	AX□□1705□□	CS40	T-15	
EAX3025E-120	●	25	25	120	35	2				
EAX3028E-120	●	28	25	120	35	2				
EAX3030E-130	●	30	25	130	40	3				
EAX3032E-25-130	●	32	25	130	40	3				
EAX3032E-130	●	32	32	130	40	3				
EAX3035E-130	●	35	32	130	40	3				
EAX3040E-170	●	40	32	170	50	4				
EAX3050E-170	●	50	32	170	50	5				
EAX3063E-170	●	63	32	170	50	6				
EAX3050ES-135	●	50	32	135	25	5				
EAX3050ES-42-135	●	50	42	135	25	5				
EAX3063ES-135	●	3	32	135	25	6				
EAX3063ES-42-135	●	63	42	135	25	6				
EAX3025EL-170	●	25	25	170	50	2				
EAX3026EL-150	●	26	25	150	35	2				
EAX3026EL-200	●	26	25	200	35	2				
EAX3026EL-250	●	26	25	250	35	2				
EAX3026EL-300	●	26	25	300	35	2				
EAX3028EL-170	●	28	25	170	50	2				
EAX3030EL-180	●	30	25	180	60	3				
EAX3032EL-180	●	32	32	180	60	2				
EAX3033EL-150	●	33	32	150	40	2				
EAX3033EL-200	●	33	32	150	40	2				
EAX3033EL-250	●	33	32	200	40	2				
EAX3033EL-300	●	33	32	250	40	2				
EAX3033EL-350	●	33	32	300	40	2				
EAX3033EL-150-3T	●	33	32	350	40	3				
EAX3033EL-200-3T	●	33	32	150	40	3				
EAX3033EL-250-3T	●	33	32	200	40	3				

※ 請接下頁。 ※ Continued on next page.

產品型號 Model No	在庫 Stock	寸法 Dimension(mm) D	d	L	L1	INO	刀片 Insert	零件 Parts 螺絲 Screw	旗型板手 Wrench	價格 Price
EAX3033EL-300-3T	●	33	32	300	40	3				
EAX3033EL-350-3T	●	33	32	350	40	3				
EAX3035EL-150	●	35	32	150	40	2				
EAX3035EL-200	●	35	32	200	40	2				
EAX3035EL-250	●	35	32	250	40	2				
EAX3035EL-300	●	35	32	300	40	2				
EAX3035EL-350	●	35	32	350	40	2				
EAX3035EL-150-3T	●	35	32	150	40	3				
EAX3035EL-180-3T	●	35	32	180	60	3				
EAX3035EL-200-3T	●	35	32	200	40	3				
EAX3035EL-250-3T	●	35	32	250	40	3	AX□□1705□□	CS40	T-15	
EAX3035EL-300-3T	●	35	32	300	40	3				
EAX3035EL-350-3T	●	35	32	350	40	3				
EAX3040EL-220	●	40	32	220	80	2				
EAX3040E-C-170	●	40	32	170	50	3				
EAX3050E-C-170	●	50	32	170	50	3				
EAX3063E-C-170	●	63	32	170	50	4				
EAX3050ES-C-135	●	50	32	135	25	3				
EAX3050ES-C-42-135	●	50	42	135	25	3				
EAX3063ES-C135	●	63	32	135	25	4				
EAX3063ES-C-42-135	●	63	42	135	25	4				

●刀片資料：AX□□1705□□→參考216頁
●Insert Detail：AX□□1705□□→Ref.Page-216
●僅限部份地區銷售
●Limited sales for some areas

APMT 刀片 CN INSERT 85°



◆ 材質介紹→參考D頁 Grade Ref.Page-D

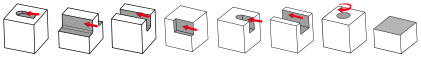
◆ 斷削槽選擇→參考F-H頁 Chipbreaker Ref.Page-F-H

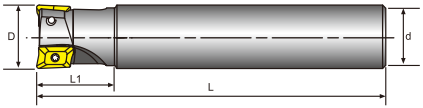
◆ 切削條件→參考I頁 Cutting condition Ref.Page-I

形狀 Shape	型號 Model No	尺寸 Dimension 半徑 R	L	W	S	d	塗層硬質合金 Carbide Coated P DF200	P ECM100	P BEJ750	M BEJ757	K BEG607
	APMT1135PDER-J2	0.8	11.25	6.2	3.5	2.8		●	●		
	APMT1604PDER-J2	0.8	17.25	9.25	4.76	4.4		●			
*	APMT13504-EG	0.4	11	6.35	3.5	1.5	●				
	APMT11308-EG	0.8	11	6.35	3.5	1.1					
	APT160408-EG	0.8	16.5	9.525	4.76	1.4					
	APMT160408-EH	0.8	16.5	9.525	4.76	1.4					
	APMT113508PDR	0.8	11.25	6.2	3.5	2.8			●		
	APMT160408PDER	0.8	17.25	9.25	4.76	4.4			●		
	APMT113508PDER-FT	0.8	11.25	6.2	3.5	2.8			●		

●標準庫存 ＊僅限部份地區銷售
●Sandard Stocks ＊limited sales for aome areas

EAPMC00-D00-000





新規格上市 New Specification Arrival

E端銑刀
E End Mill

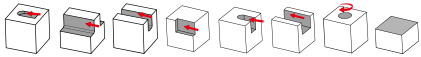
產品型號 Model No	在庫 Stock	寸法 Dimension(mm) D	d	L	L1	INO	刀片 Insert	零件 Parts 螺絲 Screw	旗型板手 Wrench	價格 Price
EAPMC11-D12-100	●	12	12	100	25	1	AP□□1135□□	CS25	T-8	
EAPMC11-D14-80		14	16	80	25	1				
EAPMC11-D14-100	●	14	16	100	25	1				
EAPMC11-D14-120		14	16	120	25	1				
NEW EAPMC11-D14.5-100		14.5	16	100	25	1	AP□□1135□□	CS25	T-8	
EAPMC11-D16-145		16	16	145	25	2	AP□□1135□□	CS25	T-8	
EAPMC11-D16-150	●	16	16	150	25	2				
EAPMC11-D17-150	●	17	16	150	25	2				
EAPMC11-D18-100		18	16	100	25	2				
EAPMC11-D18-145		18	16	145	25	2				
EAPMC11-D20-110		20	20	110	30	3				
EAPMC11-D20-150	●	20	20	150	30	3				
EAPMC11-D20-150		20	20	150	40	3				
EAPMC11-D21-150	●	21	20	150	30	3				
EAPMC11-D21-150-3T		21	20	150	40	3				
EAPMC11-D21-200		21	20	200	40	2				
EAPMC11-D21-200-3T		21	20	200	40	3				
EAPMC11-D21-250		21	20	250	40	2				
EAPMC11-D21-250-3T		21	20	250	40	3				
EAPMC11-D22-110		22	20	110	30	3				
EAPMC11-D22-150	●	22	20	150	30	3				
EAPMC11-D25-120		25	25	120	35	4				
NEW EAPMC11-D25-120-3T		25	25	120	35	3	AP□□1135□□	CS25	T-8	
EAPMC11-D25-150	●	25	25	150	35	4	AP□□1135□□	CS25	T-8	
EAPMC11-D25-170		25	25	170	50	2				
EAPMC11-D25-170-4T		25	25	170	50	4				
EAPMC11-D25-200	●	25	25	200	35	4				
EAPMC11-D26-150-4T		26	25	150	35	4				
EAPMC11-D26-200		26	25	200	35	2				
EAPMC11-D26-200-4T	●	26	25	200	35	4				

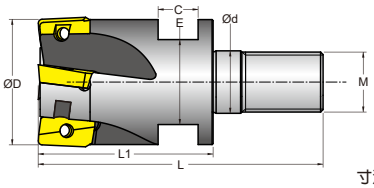
※ 請接下頁。 ※ Continued on next page.

產品型號 Model No	在庫 Stock	寸法 Dimension(mm) D	d	L	L1	INO	刀片 Insert	零件 Parts 螺絲 Screw	旗型板手 Wrench	價格 Price
EAPMC11-D26-250		26	25	250	35	2				
EAPMC11-D26-250-4T		26	25	250	35	4				
EAPMC11-D28-120		28	25	120	35	4				
EAPMC11-D28-170		28	25	170	30	2				
EAPMC11-D28-170-4T	●	28	25	170	30	4				
EAPMC11-D30-120	●	30	25	120	35	4				
EAPMC11-D30-150		30	25	170	30	4				
EAPMC11-D32-150	●	32	32	150	35	5				
EAPMC11-D32-130		32	32	130	40	5				
EAPMC11-D32-150		32	32	150	35	5	AP□□1135□□	CS25	T-8	
EAPMC11-D32-180		32	32	180	60	5				
EAPMC11-D33-150		33	32	150	40	5				
EAPMC11-D33-200		33	32	200	40	5				
EAPMC11-D33-250	●	33	32	250	40	5				
EAPMC11-D33-300	●	33	32	300	40	5				
EAPMC11-D35-150		35	32	150	40	5				
EAPMC11-D35-200		35	32	200	40	5				
EAPMC11-D35-250		35	32	250	40	5				
EAPMC11-D35-300		35	32	300	40	5				
EAPMC11-D40-150		40	32	150	30	6	AP□□1135□□	CS25	T-8	
EAPMC11-D40-180		40	32	180	30	2				
EAPMC11-D50-150		50	32	150	30	7	AP□□1135□□	CS25	T-8	
EAPMC11-D50B		63	32	150	30	8				
EAPMC11-D63-150	●	63	32	150	30	8				

●刀片資料：AP□□1135□□→參考223頁
●Insert Detail：AP□□1135□□→Ref.Page-223

EAPMC





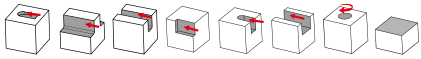
新品上市 New Arrival

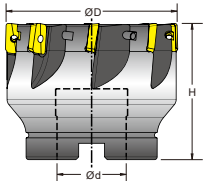
鎖牙式銑刀
E End Mill

產品型號 Model No	在庫 Stock	寸法 Dimension(mm) ØD	Ød	L1	L	M	C	E	INO	刀片 Insert	零件 Parts 螺絲 Screw	旗型板手 Wrench	價格 Price
NEW EAPMC1116Z2	●	16	5.5	30	47	8	8	10	2	AP□□ 1135□□	CS25	T-8	
NEW EAPMC1117Z2	●	17	8.5	30	47	8	8	10	2				
NEW EAPMC1120Z3	●	20	10.5	30	49	10	8	15	3				
NEW EAPMC1121Z2	●	21	10.5	30	49	10	8	15	2				
NEW EAPMC1121Z3	●	21	10.5	30	49	10	8	15	3				
NEW EAPMC1125Z4	●	25	12.5	30	52	12	8	17	4				
NEW EAPMC1126Z3	●	26	12.5	30	52	12	8	17	3				
NEW EAPMC1126Z4	●	26	12.5	30	52	12	8	17	4				
NEW EAPMC1133Z4	●	33	17	30	53	16	11	26	4				
NEW EAPMC1133Z5	●	33	17	30	53	16	11	26	5				
NEW EAPMC1135Z5	●	35	17	30	53	16	11	26	5				

●抗震刀桿→參考249頁 ●Arbor Refer Page-249
●刀片資料：AP□□1604□□→參考223頁
●Insert Detail：AP□□1604□□→Ref.Page-223

EAPMC





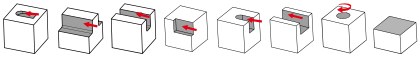
新品上市 New Arrival

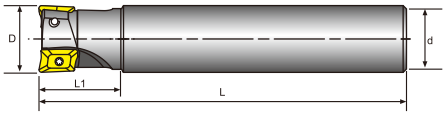
EAPMC平面銑刀
EAPMC High Speed Milling Cutter

產品型號 Model No	在庫 Stock	寸法 Dimension(mm) D	H	d	INO	刀片 Insert	零件 Parts 螺絲 Screw	旗型板手 Wrench	價格 Price
NEW EAPMC11-D40B-06R	●	40	40	16	6	AP□□1135□□	CS25	T-8	
NEW EAPMC11-D50B-07R	●	50	40	22	7				
NEW EAPMC11-D63A-08R	●	63	50	25.4	8				
NEW EAPMC11-D63B-08R	●	63	50	22	8				
NEW EAPMC11-D80A-10R	●	80	50	25.4	10				
NEW EAPMC11-D80B-10R	●	80	50	27	10				
NEW EAPMC11-D100A-12R	●	100	50	32	12				
NEW EAPMC11-D100B-12R	●	100	50	32	12				

●刀片資料：AP□□1135□□→參考223頁 ●Insert Detail：AP□□1135□□→Ref.Page-223

EAPMD00-D00-000





E端銑刀
E End Mill

產品型號 Model No	在庫 Stock	寸法 Dimension(mm) D	d	L	L1	INO	刀片 Insert	零件 Parts 螺絲 Screw	旗型板手 Wrench	價格 Price
EAPMD16-D25-150	●	25	25	150	35	2	AP□□1604□□	CS40	T-15	
EAPMD16-D25-200	●	25	25	200	35	2				
EAPMD16-D32-150	●	32	32	150	35	3				
EAPMD16-D40-150	●	40	32	150	40	4				
EAPMD16-D50-150	●	50	32	150	40	4				
EAPMD16-D25-120		25	25	120	35	2				
EAPMD16-D25-170		25	25	170	50	2				
EAPMD16-D25-170-4T		25	25	170	50	4				
EAPMD16-D26-150		26	25	150	35	2				
EAPMD16-D26-200		26	25	200	35	2				
EAPMD16-D26-250		26	25	250	35	2				
EAPMD16-D26-300		26	25	300	35	2				
EAPMD16-D28-120		28	25	120	35	2				
EAPMD16-D28-170		28	25	170	50	2				
EAPMD16-D30-130		30	25	130	40	3				
EAPMD16-D30-150	●	30	25	150	35	3				
EAPMD16-D30-180		30	25	1850	60	2				
EAPMD16-D32-130		32	32	130	40	3				
EAPMD16-D32-150	●	32	32	150	35	3				
EAPMD16-D32-180		32	32	180	60	2				
EAPMD16-D32-200	●	32	32	200	35	2				
EAPMD16-D32-25-130		32	25	130	40	3				
EAPMD16-D33-150		33	32	150	40	2				
EAPMD16-D33-150-3T		33	32	150	40	3				
EAPMD16-D33-200	●	33	32	200	40	2				
EAPMD16-D33-200-3T		33	32	200	40	3				
EAPMD16-D33-250	●	33	32	250	40	2				
EAPMD16-D33-250-3T		33	32	250	40	3				
EAPMD16-D33-300		33	32	300	40	2				
EAPMD16-D33-300-3T		33	32	300	40	3				

※ 請接下頁。 ※ Continued on next page.

產品型號 Model No	在庫 Stock	寸法 Dimension(mm) D	d	L	L1	INO	刀片 Insert	零件 Parts 螺絲 Screw	旗型板手 Wrench	價格 Price
EAPMD16-D33-350		33	32	350	40	2	AP□□1604□□	CS40	T-15	
EAPMD16-D33-350-3T		33	32	350	40	3				
EAPMD16-D35-130		35	32	130	40	3				
EAPMD16-D35-150		35	32	150	40	2				
EAPMD16-D35-150-3T		35	32	150	40	2				
EAPMD16-D35-180-3T		35	32	180	40	3				
EAPMD16-D35-200		35	32	200	40	2				
EAPMD16-D35-200-3T		35	32	200	60	3				
EAPMD16-D35-250		35	32	250	40	2				
EAPMD16-D35-250-3T		35	32	250	40	3				
EAPMD16-D35-300		35	32	300	40	2				
EAPMD16-D35-300-3T		35	32	300	40	3				
EAPMD16-D35-350-3T		35	32	350	40	3				
EAPMD16-D40-150		40	32	150	50	4				
EAPMD16-D40-200		40	32	200	40	3				
EAPMD16-D50-135		50	32	135	25	5				
EAPMD16-D50-150	●	50	32	150	40	5				
EAPMD16-D50-170		50	32	170	50	5				
EAPMD16-D63-135		63	32	135	25	6				
EAPMD16-D63-170		63	32	170	50	6				

●刀片資料：AP□□1604□□→參考223頁
●Insert Detail：AP□□1604□□→Ref.Page-223

材質推薦切屑表

Recommended Cutting Condition

被削材 Workpiece			刃徑 Diameter		
			10-22mm	25-40mm	50-63mm
P 鋼 Steel	軟鋼 Mild Steel (SS400)	V	80-**100**-120	100-**150**-180	100-**150**-180
		f	0.08-**0.10**-0.15	0.10-**0.12**-0.20	0.10-**0.12**-0.20
M 不鏽鋼 Stainless steel	不鏽鋼 Stainless Steel (SUS304)	V	70-**100**-120	80-**140**-160	80-**140**-160
		f	0.08-**0.10**-0.15	0.10-**0.12**-0.20	0.10-**0.12**-0.20
K 鑄鐵 Cast	鑄鐵 Cast Iron (FC250)	V	80-**100**-120	100-**150**-180	100-**150**-180
		f	0.08-**0.10**-0.15	0.10-**0.15**-0.20	0.10-**0.15**-0.20
N 非鐵金屬 Alloy	合金 (ADC12)	V	200-**300**-500	200-**500**-1000	200-**500**-1000
		f	0.08-**0.10**-0.15	0.10-**0.15**-0.20	0.10-**0.15**-0.20

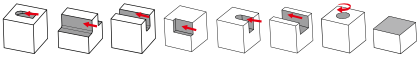
●(V=m/min. f=mm/刃) (下限值－推薦－上限值) (Min.–Optimun－Max.)
●工具回轉速度(N)=〔1000×切削速度(V)〕÷〔3.14×工具直徑(D)〕
●總進給(F)=〔每刃進給(ft)×工具刃數(Z)×工具回轉速度(N)〕

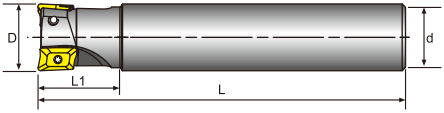
APMT 刀片 CN INSERT 85°

形狀 Shape	型號 Model No	寸法 R	塗層硬質合金 Carbide Coated								
			P	P/M	P/M	K	K	K/M	P	P/M	N
			ACP100	ACP200	ACP300	ACK200	ACK300	ACK310	ACZ330	ACZ350	H1
	APMT103504PDER-H	0.4						●	●		
	APMT103508PDER-H	0.8						●	●		
	APMT160508PDER-H	0.8						●	●		
	APET103504PDFR-S	0.4									●
	APMT160504PDFR-S	0.4									●

●末尾 G：範用型(General) H：重切削(Heavy) S：鋁用(Aluminum)
＊僅限部份地區銷售 ＊limited sales for aome areas

E90AP00-D00



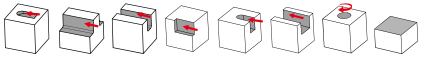


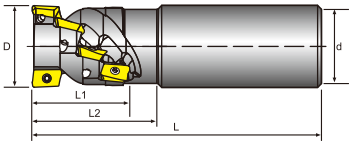
E端銑刀
E End Mill

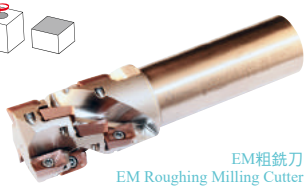
產品型號 Model No	在庫 Stock	寸法 Dimension(mm) D	d	L	L1	INO	刀片 Insert	零件 Parts 螺絲 Screw	旗型板手 Wrench	價格 Price
E90AP10-D12-90	●	12	12	90	25	1	AP□□1035□□	CS25	T-8	
E90AP10-D12-100	●	12	12	100	25	1				
E90AP10-D14-80	●	14	16	80	25	1				
E90AP10-D15-90	●	15	16	90	25	2				
E90AP10-D16-90	●	16	16	90	25	2				
E90AP10-D16-150	●	16	16	150	25	2				
E90AP10-D17-150	●	17	16	150	25	2				
E90AP10-D18-90	●	18	16	90	25	2				
E90AP10-D20-110	●	20	20	10	30	3				
E90AP10-D20-150	●	20	20	150	30	3				
E90AP10-D21-150	●	21	20	150	25	3				
E90AP10-D25-120	●	25	25	120	35	4				
E90AP10-D25-120	●	25	25	150	35	4				
E90AP10-D25-200	●	25	25	200	35	4				
E90AP10-D26-150	●	26	25	150	35	4				
E90AP10-D32-150	●	32	32	150	35	5				
E90AP10-D35-150	●	35	32	150	35	5				
E90AP16-D25-120	●	25	25	120	35	2	AP□□1605□□	CS35	T-15	
E90AP16-D25-150	●	25	25	150	35	2				
E90AP16-D25-200	●	25	25	200	35	2				
E90AP16-D32-150	●	32	32	150	40	3				
E90AP16-D32-200	●	32	32	200	40	3				
E90AP16-D40-150	●	40	32	150	50	4				
E90AP16-D50-150	●	50	32	150	40	5				

●刀片資料：AP□□1035□□、AP□□1605□□→參考229頁
●Insert Detail：AP□□1035□□、AP□□1605□□→Ref.Page-229

EM90AP00-D00







EM粗銑刀
EM Roughing Milling Cutter

產品型號 Model No	在庫 Stock	寸法 Dimension(mm) D	d	L	L1	L2	INO	刀片 Insert	零件 Parts 螺絲 Screw	旗型板手 Wrench	價格 Price
EM90AP10-D20	●	20	20	120	25	35	2R6T	AP□□1035□□	CS25	T-8	
EM90AP10-D25	●	25	25	130	35	45	2R8T				
EM90AP10-D32	●	32	32	140	44	55	3R15T				
EM90AP10-D32-200	●	32	32	200	44	55	3R15T				
EM90AP10-D40	●	40	32	150	53	65	3R21T				
EM90AP16-D40	●	40	42	150	49	65	3R12T	AP□□1605□□	CS35	T-15	
EM90AP16-D40-32	●	40	32	150	49	65	3R12T				
EM90AP16-D50	●	50	42	165	61	75	3R15T				

●刀片資料：AP□□1035□□、AP□□1605□□→參考229頁
●Insert Detail：AP□□1035□□、AP□□1605□□→Ref.Page-229

材質推薦切屑表

Recommended Cutting Condition

被削材 Workpiece			刃徑 Diameter		
			10-22mm	25-40mm	50-63mm
P 鋼 Steel	軟鋼 Mild Steel (SS400)	V	80-**100**-120	100-**150**-180	100-**150**-180
		f	0.08-**0.10**-0.15	0.10-**0.12**-0.20	0.10-**0.12**-0.20
M 不鏽鋼 Stainless steel	不鏽鋼 Stainless Steel (SUS304)	V	70-**100**-120	80-**140**-160	80-**140**-160
		f	0.08-**0.10**-0.15	0.10-**0.12**-0.20	0.10-**0.12**-0.20
K 鑄鐵 Cast	鑄鐵 Cast Iron (FC250)	V	80-**100**-120	100-**150**-180	100-**150**-180
		f	0.08-**0.10**-0.15	0.10-**0.15**-0.20	0.10-**0.15**-0.20
N 非鐵金屬 Alloy	合金 (ADC12)	V	200-**300**-500	200-**500**-1000	200-**500**-1000
		f	0.08-**0.10**-0.15	0.10-**0.15**-0.20	0.10-**0.15**-0.20

●(V=m/min. f=mm/刃) (下限值－推薦－上限值) (Min.－Optimun－Max.)
●工具回轉速度(N)=〔1000×切削速度(V)〕÷〔3.14×工具直徑(D)〕
●總進給(F)=〔每刃進給(ft)×工具刃數(Z)×工具回轉速度(N)〕

AXMT 刀片 CN INSERT 85°

塗層硬質合金 Carbide Coated

形狀 Shape	型號 Model No	寸法 R	P ACP100	P/M ACP200	P/M ACP300	K ACK200	K ACK300	K/M ACK310	P ACZ330	P/M ACZ350	N H1
	AXMT123504PEER-G	0.4		●	●	●					
	AXMT123508PEER-G	0.8		●	●	●					
	AXMT123504PEER-H	0.4		●	●	●					
	AXMT123508PEER-H	0.8		●	●	●					
	AXMT170504PEER-G	0.4		●	●	●					
	AXMT170508PEER-G	0.8		●	●	●					
	AXMT170508PEER-H	0.8		●	●	●					
	AXMT123504PEFR-S	0.4									●
	AXMT170504PEFR-S	0.4									●

●末尾 G：範用型(General) H：重切削(Heavy) S：鋁用(Aluminum)
＊僅限部份地區銷售 ＊limited sales for aome areas

材質推薦切屑表

Recommended Cutting Condition

被削材 Workpiece			刃徑 Diameter		
			20-25mm	32-50mm	40-80mm
P 鋼 Steel	軟鋼 Mild Steel (SS400)	V	50-**120**-180	100-**150**-180	100-**150**-180
		f	0.05-0.15	0.05-0.15	0.05-0.22
M 不鏽鋼 Stainless steel	不鏽鋼 Stainless Steel (SUS304)	V	50-**100**-160	50-**100**-160	50-**100**-160
		f	0.05-0.12	0.05-0.12	0.05-0.15
K 鑄鐵 Cast	鑄鐵 Cast Iron (FC250)	V	50-**120**-180	50-**120**-180	50-**120**-180
		f	0.05-0.15	0.05-0.20	0.05-0.25
N 非鐵金屬 Alloy	合金 (ADC12)	V	200-**300**-500	200-**300**-500	200-**300**-500
		f	0.10-**0.15**-0.20	0.10-**0.15**-0.20	0.10-**0.15**-0.20

●(V=m/min. f=mm/刃) (下限值－推薦－上限值) (Min.－Optimun－Max.)
●工具回轉速度(N)=〔1000×切削速度(V)〕÷〔3.14×工具直徑(D)〕
●總進給(F)=〔每刃進給(ft)×工具刃數(Z)×工具回轉速度(N)〕

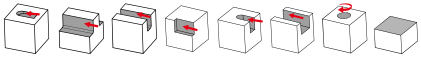
APMT 刀片 CN INSERT

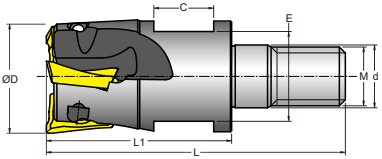
85°

形狀 Shape	型號 Model No	寸法 R	塗層硬質合金 Carbide Coated								
			P	P/M	P/M	K	K	K/M	P	P/M	N
			ACP100	ACP200	ACP300	ACK200	ACK300	ACK310	ACZ330	ACZ350	H1
	APMT103504PDER-H	0.4						●	●		
	APMT103508PDER-H	0.8						●	●		
	APMT160508PDER-H	0.8						●	●		
	APET103504PDFR-S	0.4									●
	APMT160504PDFR-S	0.4									●

●末尾 G：範用型(General) H：重切削(Heavy) S：鋁用(Aluminum)
＊僅限部份地區銷售 ＊limited sales for aome areas

ED90AP00-D00



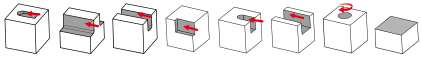


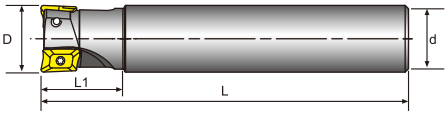
ED端銑刀
ED Extchangeable
Head End Mill

產品型號 Model No	在庫 Stock	寸法 Dimension(mm) ØD	d	L1	L	M	C	E	INO	刀片 Insert	零件 Parts 螺絲 Screw	旗型板手 Wrench	價格 Price
EDAX1216Z2	●	16	8.5	30	47	8	8	10	2				
EDAX1217Z2	●	17	8.5	30	47	8	8	10	2				
EDAX1220Z3	●	20	10.5	30	49	10	8	15	3				
EDAX1221Z2	●	21	10.5	30	49	10	8	15	2				
EDAX1221Z3	●	21	10.5	30	49	10	8	15	3				
EDAX1225Z4	●	25	12.5	30	52	12	8	17	4	AX□□1235□□	CS30A	T-8	
EDAX1226Z3	●	26	12.5	30	52	12	8	17	3				
EDAX1226Z4	●	26	12.5	30	52	12	8	17	4				
EDAX1233Z4	●	33	17	30	53	16	11	26	4				
EDAX1233Z5	●	33	17	30	53	16	11	26	5				
EDAX1235Z5	●	35	17	30	53	16	11	26	5				
EDAX1726Z2	●	26	12.5	30	52	12	8	17	2				
EDAX1733Z2	●	33	17	30	53	16	11	26	2				
EDAX1733Z3	●	33	17	30	53	16	11	26	3	AX□□1705□□	CS40	T-15	
EDAX1735Z2	●	35	17	30	53	16	11	26	2				
EDAX1735Z3	●	35	17	30	53	16	11	26	3				
ED90AP10-D16	●	16	8.5	30	47	8	8	10	2				
ED90AP10-D17	●	17	8.5	30	47	8	8	10	2				
ED90AP10-D20	●	20	10.5	30	49	10	8	15	3				
ED90AP10-D21	●	21	10.5	30	49	10	8	15	3				
ED90AP10-D25	●	25	12.5	30	52	12	8	17	4	AP□□1035□□	CS25	T-8	
ED90AP10-D26-3T	●	26	12.5	30	52	12	8	17	3				
ED90AP10-D26	●	26	12.5	30	52	12	8	17	4				
ED90AP10-D35	●	35	17	30	53	16	11	26	5				
EDAPHA07-D10	●	10	5.5	20	34.5	5	5.5	7	2				
EDAPHA07-D11	●	11	5.5	20	34.5	5	5.5	7	2				
EDAPHA07-D12	●	12	6.5	20	34.5	6	6	8	2				
EDAPHA07-D12-3T	●	12	6.5	20	34.5	6	6	8	3				
EDAPHA07-D13	●	13	6.5	20	34.5	6	6	8	2	JD□□0702□□	CS18	T-6	
EDAPHA07-D13-3T	●	13	6.5	20	34.5	6	6	8	3				
EDAPHA07-D16	●	16	8.5	30	47	8	8	10	4				
EDAPHA07-D17	●	17	8.5	30	47	8	8	10	4				

●抗震刀桿→參考249頁 ●Arbor Refer Page-249
●刀片資料：AX□□1235□□、AX□□1705□□、AP□□1035□□→參考232~233頁，JD□□0702□□→參考235頁
●Insert Detail：AX□□1235□□、AX□□1705□□、AP□□1035□□→Ref.Page-232~233，JD□□0702□□→Ref.Page-235
●僅限部份地區銷售 ●Limited sales for some areas

EAP



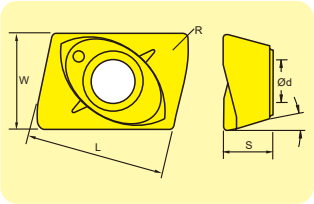


EAP端銑刀
EAP End Mill

產品型號 Model No	在庫 Stock	寸法 Dimension(mm) D	d	L	L1	INO	刀片 Insert	零件 Parts 螺絲 Screw	旗型板手 Wrench	價格 Price
EAPHA07-D10-120	●	10	10	120	15	2	JD□□0702□□	CS18	T-6	
EAPHA07-D11-120	●	11	10	120	15	2				
EAPHA07-D12-100	●	12	12	100	15	3				
EAPHA07-D12-150	●	12	12	150	15	2				
EAPHA07-D13-100	●	13	12	100	15	3				
EAPHA07-D13-150	●	13	12	150	15	2				
EAPHA07-D13-150-3T	●	13	12	150	15	3				
EAPHA07-D16-150	●	16	16	150	20	4				
EAPHA07-D17-150	●	17	16	150	15	4				

●刀片資料：JD□□0702□□→參考235頁
●Insert Detail：JD□□0702□□→Ref.Page-235
●-O：Oil hole
●-O：帶水孔。

JDMT 刀片 TPUN INSERT

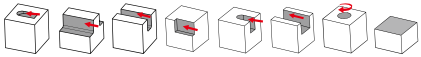


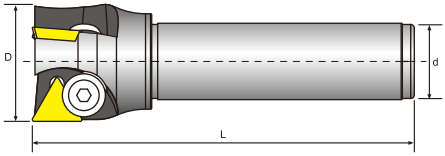
尺寸 Dimension	
切刃長 L：6.4	厚度 S：2.45
內切圓 IC：4.3	孔徑 Ød：4.4

◆ 材質介紹→參考D頁 Grade Ref.Page-D
◆ 斷削槽選擇→參考F-H頁 Chipbreaker Ref.Page-F-H
◆ 切削條件→參考I頁 Cutting condition Ref.Page-I

形狀 Shape	型號 Model No	半徑 R	塗層硬質合金 Carbide Coated P JP4105	JP4120	JM4160	PTH30E	M SD500
	JDMT070202R	0.2	●	●	●	●	●
	JDMT070204R	0.4	●	●	●	●	●

SAE-00



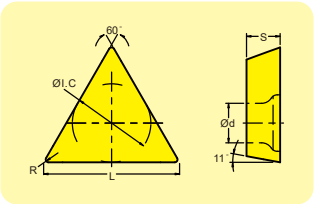


SAE直角端銑刀
SAE Shoulder End Mill

產品型號 Model No	在庫 Stock	寸法 Dimension(mm) D	d	L	INO	刀片 Insert	零件 Parts 螺絲 Screw	L型板手 Wrench	價格 Price
EAPHA07-D10-120	●	10	10	120	2	TP□□1603□□	TP-W1/4	LW040	
EAPHA07-D11-120	●	11	10	120	2				
EAPHA07-D12-100	●	12	12	100	3				
EAPHA07-D12-150	●	12	12	150	2				
EAPHA07-D13-100	●	13	12	100	3				
EAPHA07-D13-150	●	13	12	150	2				
EAPHA07-D13-150-3T	●	13	12	150	3				
EAPHA07-D16-150	●	16	16	150	4				
EAPHA07-D17-150	●	17	16	150	4				
EAPUB10-D16-150-O	●	16	16	150	2	TP□□2204□□	TP-W5/16	LW050	
EAPUB10-D20-150-O	●	20	20	150	3				
EAPUB10-D25-150-O	●	25	25	150	4				

●刀片資料：TP□□1603□□、TP□□2204□□→參考224頁
●Insert Detail：TP□□1603□□、TP□□2204□□→Ref.Page-224

TPUN 刀片 TPUN INSERT



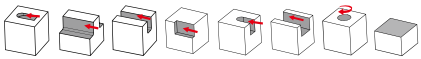
尺寸 Dimension	
切刃長 L：16.5	厚度 S：3.18
內切圓 IC：9.525	

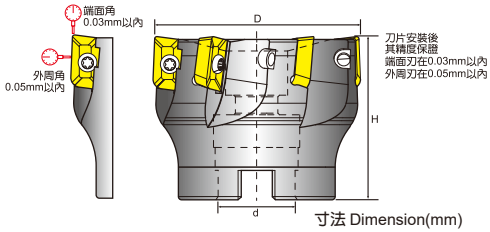
◆ 材質介紹→參考D頁 Grade Ref.Page-D
◆ 斷削槽選擇→參考F-H頁 Chipbreaker Ref.Page-F-H
◆ 切削條件→參考I頁 Cutting condition Ref.Page-I

形狀 Shape	型號 Model No	半徑 R	塗層硬質合金 Carbide Coated P DF133	P DF233	P DF333	P BEF607	P/M BEJ750	P/M BEP706	K BEG607	N BEJ757	金屬陶瓷 Cermet W35	BQJ606	BQW706	BQJ6060F
	TPUN160308	0.8					●							●

●標準庫存
●Sandard Stocks

EAX SHELL



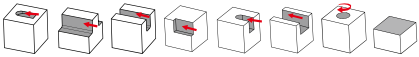


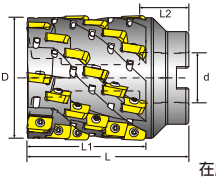
EAX平面銑刀
EAX High Speed
Shoulder Face
Milling Cutter

產品型號 Model No	在庫 Stock	寸法 Dimension(mm) D	d	L	INO	刀片 Insert	零件 Parts 螺絲 Screw	旗型板手 Wrench	價格 Price
EAX2040FB-O	●	40	40	16	6	AX□□1235□□	CS30A	T-8	
EAX2050FB-O	●	50	40	22	7				
EAX2063FB-O	●	63	40	22	8				
EAX3040FB-O	●	40	40	16	4	AX□□1705□□	CS40	T-15	
EAX3050FB-O	●	50	40	22	5				
EAX3063FB-O	●	63	40	22	6				
EAX3080RA-O	●	80	50	25.4	4				
EAX3100RA-O	●	100	63	31.75	5				
EAX3125RA-O	●	125	63	38.1	6				
EAXF3080RA-O	●	80	50	25.4	7				
EAXF3100RA-O	●	100	63	31.75	8				
EAXF3125RA-O	●	125	63	38.1	9				
EAX2040FB	●	40	40	16	6	AX□□1235□□	CS30A	T-8	
EAX2050FB	●	50	40	22	7				
EAX2063FA	●	63	50	25.4	8				
EAX2063FB	●	63	40	22	8				
EAX3040FB	●	40	40	16	4	AX□□1705□□	CS40	T-15	
EAX3050FB	●	50	40	22	5				
EAX3063FA	●	63	50	25.4	6				
EAX3063FB	●	63	40	22	6				
EAX3080RA	●	80	50	25.4	4				
EAX3100RA	●	100	63	31.75	5				
EAX3125RA	●	125	63	38.1	6				
EAX3080RA	●	80	50	25.4	7				
EAX3100RA	●	100	63	31.75	8				
EAX3125RA	●	125	63	38.1	9				

●刀片資料：AX□□1235□□、AX□□1705□□→參考220頁
●Insert Detail：AX□□1235□□、AX□□1705□□→Ref.Page-220
●-O：Oil hole　●-O：帶水孔。
●僅限部份地區銷售
●Limited sales for some areas

EM90AP16-D00



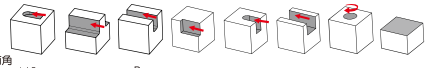


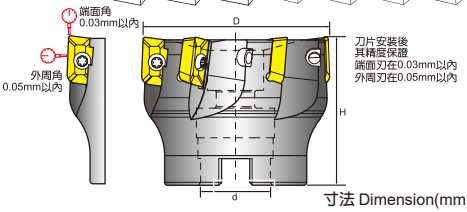
EM平面銑刀
EM High Speed Shoulder
Face Milling Cutter

產品型號 Model No	在庫 Stock	寸法 Dimension(mm) D	d (Inch)	L	L1	L2	INO	刀片 Insert	零件 Parts 螺絲 Screw	旗型板手 Wrench	價格 Price
EM90AP16-D63-75	●	63	1	83	63	12	4R20T	AP□□ 1605□□	CS35	T-15	
EM90AP16-D80-80	●	80	1 1/4	80	52	28	6R24T				
EM90AP16-D80-105	●	80	1 1/4	105	75	30	6R36T		CS40		

●刀片資料：AP□□1605□□→參考233頁 ●Insert Detail：AP□□1605□□→Ref.Page-233

EX90



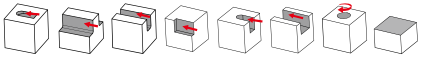


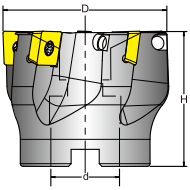
EM平面銑刀
EM High Speed Shoulder
Face Milling Cutter

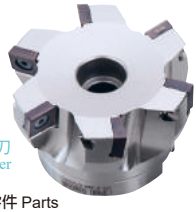
產品型號 Model No	在庫 Stock	寸法 Dimension(mm) D	H	d	INO	刀片 Insert	零件 Parts 螺絲 Screw	旗型板手 Wrench	價格 Price
EX90AP16-D50B	●	50	40	22	5	AP□□1605□□	CS35	T-15	
EX90AP16-D63A	●	63	50	25.4	5				
EX90AP16-D80A	●	80	50	25.4	6				
EX90AP16-D1400A	●	100	50	31.75	7				
EX90AP16-D125A	●	125	50	38.1	8				
EX90AP16-D63B	●	63	50	22	5				
EX90AP16-D80B	●	80	50	27	6				
EX90AP16-D100B	●	100	50	32	7				
EX90AP10-D80A	●	80	50	25.4	10	AP□□1035□□	CS40	T-8	
EAPMD16-D40B	●	40	40	16	4	AP□□1604□□	CS40	T-15	
EAPMD16-D50B	●	50	40	22	5				
EAPMD16-D63A	●	63	50	25.4	6				
EAPMD16-D80A	●	80	50	25.47	7				
EAPMD16-D100A	●	100	50	31.75	8				
EAPMD16-D125A	●	125	63	38.1	9				
EAPMD16-D63B	●	633	50	22	6				
EAPMD16-D80B	●	80	50	27	7				
EAPMD16-D100B	●	100	50	32	8				
EAPMD16-D125B	●	125	63	40	9				

●刀片資料：AP□□1605□□、AP□□1035□□、AP□□1604□□→參考233頁
●Insert Detail：AP□□1605□□、AP□□1035□□、AP□□1604□□→Ref.Page-233

ESP400





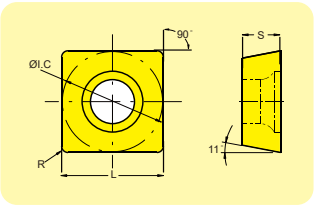


ESP平面銑刀
ESP High Speed Milling Cutter

產品型號 Model No	在庫 Stock R	在庫 Stock L	寸法 Dimension(mm) D	d	H	INO	刀片 Insert	零件 Parts 螺絲 Screw	零件 Parts 旗型板手 Wrench	價格 Price
ESP400-063A05RA			63	25.4	50	5	SP□□1204□□	CS45	T-15	
ESP400-080A06RA			80	25.4	50	6				
ESP400-100B07RA			100	31.75	50	7				
EAP400-125B08RA			125	38.1	63	8				
ESP400-160B10RA			160	50.8	63	0				
ESP400-160B12RA	●		160	50.8	63	12				
ESP400-160B12RB	●		160	40	63	12				
ESP400-050A04RB			50	22	40	4				
ESP400-063A05RB/L	●	●	63	22	50	5				
ESP400-080A06RB			80	27	50	6				
ESP400-100B07RB			100	32	50	7				
ESP400-125B08RB			125	40	63	8				
ESP400-160B10RB			160	40	63	10				

●刀片資料：SP□□1204□□→參考239頁
●Insert Detail：SP□□1204□□→Ref.Page-239
●標準庫存
●Standard Stocks

SP 刀片 SP INSERT



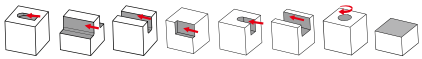
尺寸 Dimension	
切刃長 L：12.7	厚度 S：4.76
內切圓 IC：12.7	孔徑 Ød：5.5

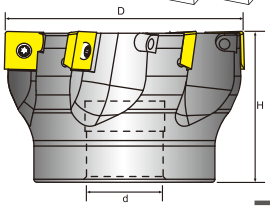
◆ 材質介紹→參考D頁 Grade Ref.Page-D
◆ 斷削槽選擇→參考F-H頁 Chipbreaker Ref.Page-F-H
◆ 切削條件→參考I頁 Cutting condition Ref.Page-I

形狀 Shape	型號 Model No	半徑 R	塗層硬質合金 Carbide Coated P DF133	P DF233	P DF333	P BEF607	P/M BEJ750	P/M BEP706	K BEG607	N BEJ757	金屬陶瓷 Cermet W35	BQJ606	BQW706	BQJ6060F
	SPMT120408-RO	0.8					●							

●標準庫存
●Sandard Stocks

EASX400





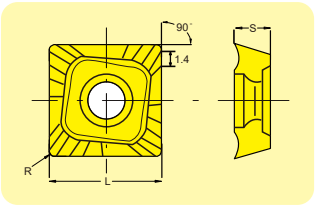
EASX平面銑刀
EASX High Speed Milling Cutter

本圖所示為右手刀(R)
Right-Hand Show

產品型號 Model No	在庫 Stock	寸法 Dimension(mm) D	d	H	INO	刀片 Insert	零件 Parts 螺絲 Screw	旗型板手 Wrench	價格 Price
EASX400-063A05RA	●	63	25.4	50	5	SO□□12T3□□	CS35	T-15	
EASX400-080B06RA	●	80	25.4	50	6				
EASX400-100B07RA	●	100	31.75	50	7				
EASX400-125B08RA	●	125	38.1	63	8				
EASX400-160C12RA	●	160	50.8	63	12				
EASX400-050A04RB	●	50	22	40	4				
EASX400-063A05RB	●	63	22	50	5				
EASX400-080B06RB	●	80	27	50	6				
EASX400-100B07RB	●	100	32	50	7				
EASX400-125B08RB	●	125	40	63	8				
EASX400-160C12RB	●	160	40	63	12				

●刀片資料：SO□□12T3□□→參考240頁
●Insert Detail：SO□□12T3□□→Ref.Page-240

SO 刀 片 SP INSERT



尺寸 Dimension	
切刃長 L：12.7	厚度 S：3.97

◆ 材質介紹→參考D頁
Grade Ref.Page-D

◆ 斷削槽選擇→參考F-H頁
Chipbreaker Ref.Page-F-H

◆ 切削條件→參考I頁
Cutting condition Ref.Page-I

形狀 Shape	型號 Model No	半徑 R	塗層硬質合金 Carbide Coated P NX4545	VP30RT	VP15TF	MC5020	F703 M
	SOMT12T308PEER-JH	0.8	●	●	●	●	●
	SOMT12T308PEER-JM	0.8	●	●	●	●	●

材質推薦切屑表

Recommended Cutting Condition

被削材 Workpiece			刃徑 Diameter	
			50mm	50-160mm
P 鋼 Steel	軟鋼 Mild Steel (SS400)	V	150-**200**-250	150-**200**-250
		f	0.01-0.20	0.01-0.30
M 不鏽鋼 Stainless steel	不鏽鋼 Stainless Steel (SUS304)	V	160-**200**-250	160-**200**-250
		f	0.15-0.20	0.15-0.30
K 鑄鐵 Cast	鑄鐵 Cast Iron (FC250)	V	100-**200**-250	100-**200**-250
		f	0.10-0.20	0.10-0.30
N 非鐵金屬 Alloy	合金 (ADC12)	V	300-**500**-1000	300-**500**-1000
		f	0.15-0.20	0.15-0.20

●(V=m/min. f=mm/刃) (下限值－推薦－上限值) (Min.－Optimun－Max.)
●工具回轉速度(N)=〔1000×切削速度(V)〕÷〔3. 14×工具直徑(D)〕
●總進給(F)=〔每刃進給(ft)×工具刃數(Z)×工具回轉速度(N)〕

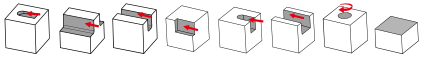
SE 刀片 CN INSERT

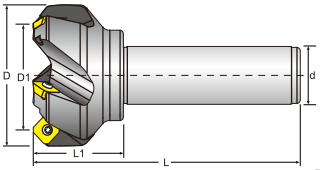
塗層硬質合金 Carbide Coated

形狀 Shape	型號 Model No	寸法 R	P ACP100	P/M BEJ750	P/M ACP200	P/M ACP300	K BEG607	K ACK200	K ACK300	K/M ACK310	P ACZ330	P/M ACZ350	N H1
	SEHW1204AFTN	0.4			●			●		●	●		
	SEMT13T3AGSN-G	0.4								●	●		
	SEMT13T3AGSN-H	0.8								●	●		
	SEHT120408-AK	0.8											●
	SEET13T3AGFN-L	0.4											●
	SEET13T3-EO	0.4		●		●							

●末尾 G：範用型(General) H：重切削(Heavy) AK／L：鋁用(Aluminum)

SE50-C00



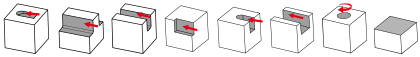


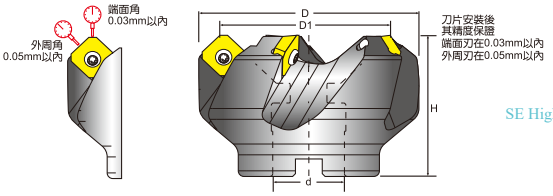
SE平面銑刀
SE High Speed Milling Cutter

產品型號 Model No	在庫 Stock	寸法 Dimension(mm) D	D1	d	L	L1	INO	刀片 Insert	零件 Parts 螺絲 Screw	旗型板手 Wrench	價格 Price
SE50-C32-4	●	62	50	32	120	45	4	SE□□1204□□	CS45	T-15	
SE50-C32-4-13T3	●	62	50	32	120	45	4	SE□□13T3□□			

●刀片資料：SE□□1204□□→參考241頁
●Insert Detail：SE□□1204□□→Ref.Page-241

S45SE00-SHELL



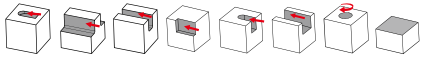


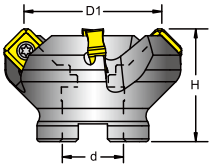
SE平面銑刀
SE High Speed Milling Cutter

產品型號 Model No	在庫 Stock R	在庫 Stock L	寸法 Dimension(mm) D	D1	d	H	INO	刀片 Insert	零件 Parts 螺絲 Screw	零件 Parts 旗型板手 Wrench	價格 Price
50A04R-S45SE12B	●		64	50	22	40	4				
63A05R-S45SE12A	●		77	63	25.4	50	5				
80B06R/L-S45SE12A	●	●	93	80	25.4	50	6				
100B06R/L-S45SE12A	●	●	114	100	31.75	50	6				
125B08R/L-S45SE12A	●	●	139	125	38.1	63	8				
160B10R/L-S45SE12A	●		179	160	50.8	63	10	SE□□1204□□	CS45		
63A05R-S45SE12B	●		77	63	22	40	5				
80B06R/L-S45SE12B	●	●	93	80	27	50	6				
100B06R/L-S45SE12B	●	●	114	100	32	50	6				
125B08R/L-S45SE12B	●		139	125	40	63	8				
160B10R/L-S45SE12B	●		179	160	40	63	10				
50A04R-S45SE13B	●		64	50	22	40	4				
63A05R-S45SE13A	●		77	63	25.4	50	5				
80B06R/L-S45SE13A	●	●	93	80	25.4	50	6			T-15	
100B06R/L-S45SE13A	●	●	114	100	31.75	50	6				
100B07R/L-SE45SE13A	●	●	114	100	31.75	50	7				
125B08R/L-S45SE13A	●	●	139	125	38.1	63	8				
160B10R/L-S45SE13A	●		179	160	50.8	63	10				
50A04R-S45SE13B	●		64	50	22	40	4	SE□□13T3□□	CS35		
63A05R-S45SE13B	●		77	63	22	40	5				
63A06R-S45SE13B	●		77	63	22	40	6				
80B06R/L-S45SE13B	●	●	93	80	27	50	6				
100B06R/L-S45SE13B	●	●	114	100	32	50	6				
100B07R/L-S45SE13B	●	●	114	100	32	50	7				
125B08R/L-S45SE13B	●	●	139	125	40	63	8				
160B10R/L-S45SE13B	●		179	160	40	63	10				

●刀片資料：SE□□1204□□、SE□□13T3□□→參考241頁
●Insert Detail：SE□□1204□□、SE□□13T3□□→Ref.Page-241

EC



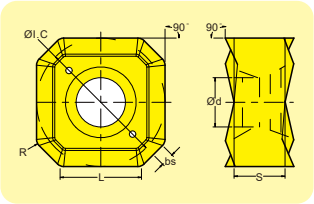


EC平面銑刀
EC High Speed Milling Cutter

產品型號 Model No	在庫 Stock R	在庫 Stock L	寸法 Dimension(mm) D	D1	d	H	INO	刀片 Insert	零件 Parts 螺絲 Screw	零件 Parts 旗型板手 Wrench	價格 Price
50A04R/L-S45EC12B	●		64	50	22	40	4	EC1205	CH40	T-15	
63A05R/L-S45EC12A	●		74	63	25.4	50	5				
80B06R/L-S45EC12A	●		94	80	25.4	50	6				
100B08R/L-S45EC12A	●		114	100	31.75	50	8				
125B08R/L-S45EC12A	●		139	125	38.1	63	8				
63A05R/L-S45EC12B	●		74	63	22	50	5				
80B06R/L-S45EC12B	●		94	80	27	50	6				
100B08R/L-S45EC12B	●		114	100	32	50	8				
125B08R/L-S45EC12B	●		139	125	40	63	8				

●刀片資料：EC□□1205□□→參考244頁
●Insert Detail：EC□□1205□□→Ref.Page-244

EC 刀片 EC INSERT



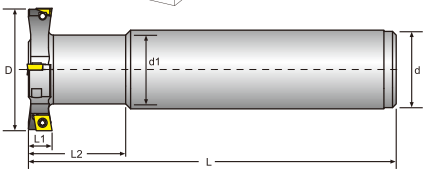
尺寸 Dimension	
切刃長 L：7.6	厚度 S：4.76
內切圓 IC：12	孔徑Ød：4.6

◆ 材質介紹→參考D頁
Grade Ref.Page-D
◆ 斷削槽選擇→參考F-H頁
Chipbreaker Ref.Page-F-H
◆ 切削條件→參考I頁
Cutting condition Ref.Page-I

形狀 Shape	型號 Model No	半徑 R	bs	塗層硬質合金 Carbide Coated P/M BEJ750	N BEJ757	P/M BEP608	K BEG607
	EC1205-IO	0.8	1.05	●			●

●標準庫存
●Sandard Stocks

TS00-C00

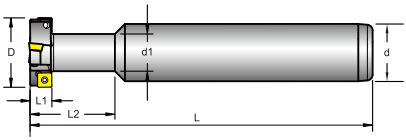


T型槽端銑刀
T-Slot End Mill

產品型號 Model No	在庫 Stock	寸法 Dimension(mm) D	d	d1	L	L1	L2	INO	刀片 Insert	零件 Parts 螺絲 Screw	旗型板手 Wrench	價格 Price
TS20-C16-10	●	20	16	12	120	10	29	2	CC□□0602□□	CS25	T-8	
TS25-C20-10	●	25	20	13	120	10	34	4				
TS30+-C20-10	●	30	20	18	150	10	29	4				
TS35-C20-10	●	35	20	18	150	10	40	4				
TS40-C25-10	●	40	25	22	150	10	40	4				
TS40-C32-10	●	40	32	22	150	10	40	4				
TS50-C32-10	●	50	32	28	150	10	40	4				

●刀片資料：CC□□0605□□→參考W~Y頁
●Insert Detail：CC□□0605□□→Ref.Page-W~Y

TSP

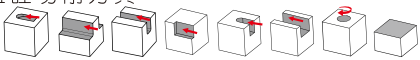


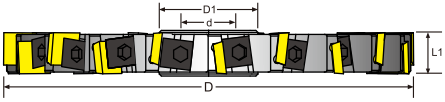
T型槽端銑刀
T-Slot End Mill

產品型號 Model No	在庫 Stock	寸法 Dimension(mm) D	d	d1	L	L1	L2	INO	刀片 Insert	零件 Parts 螺絲 Screw	旗型板手 Wrench	價格 Price
TSP20-C16-08		20	16	12	120	8	30	2	SP□□0502□□	CS20	T-6	
TSP25-C20-08	●	25	20	13	120	8	30	4				
TSP30-C20-08	●	30	20	18	150	8	30	4				
TSP35-C20-08		35	20	18	150	8	30	4				
TSP40-C25-08		40	25	22	150	8	40	4				
TSP50-C32-08		50	32	28	150	8	40	4				

●刀片資料：SP□□0504□□→參考AN頁
●Insert Detail：SP□□0504□□→Ref.Page-AN

SC



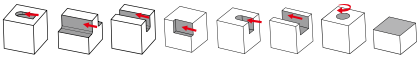


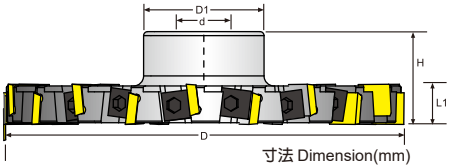
T型槽端銑刀
T-Slot End Mill

產品型號 Model No	在庫 Stock	寸法 Dimension(mm) D	D1	d	L1	INO	刀片 Insert	零件 Parts 壓板 Clamp	壓板 Clamp	雙頭螺絲 Screw	L型板手 Wrench	價格 Price
SC100-16-25.4	●	100	42	25.4	16	10	SP□□1203□□	SCR	SCL	CS8	LW040	
SC125-16-25.4	●	125	42	25.4	16	14						
SC160-16-25.4	●	160	42	25.4	16	16						
SC200-20-31.75	●	200	48	31.75	20	20	SP□□1504□□					

●刀片資料：SP□□0504□□→參考246頁
●Insert Detail：SP□□0504□□→Ref.Page-246

SCT



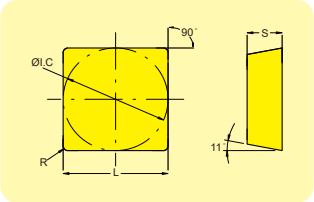


側銑刀
Side Milling Cutter

產品型號 Model No	在庫 Stock	寸法 Dimension(mm) D	D1	d	L1	H	INO	刀片 Insert	零件 Parts 壓板 Clamp	壓板 Clamp	雙頭螺絲 Screw	L型板手 Wrench	價格 Price
SCT160-16-31.75	●	160	70	31.75	16	45	16	SP□□1203□□	SCR	SCL	CS8	LW040	
SCT200-20-31.75	●	200	70	31.75	20	45	20	SP□□1504□□					

●刀片資料：SP□□0504□□→參考246頁
●Insert Detail：SP□□0504□□→Ref.Page-246

SP 刀片 SP INSERT 90°



尺寸 Dimension

切刃長 L：12.7　厚度 S：3.18

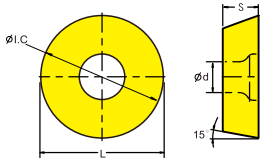
內切圓 IC：12.7

◆ 材質介紹→參考D頁 Grade Ref.Page-D
◆ 斷削槽選擇→參考F-H頁 Chipbreaker Ref.Page-F-H
◆ 切削條件→參考I頁 Cutting condition Ref.Page-I

形狀 Shape	型號 Model No	半徑 R	塗層硬質合金 Carbide Coated P DF133	P DF233	P DF333	P BEF607	P/M BEJ750	P/M BEP706	K BEG607	N BEJ757	金屬陶瓷 Cermet W35	BQJ606	BQW706	BQJ6060F
	SPUN120308	0.8					●	●						
	SPUN120312	1.2					●	●						

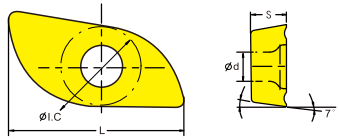
●標準庫存　●Sandard Stocks

RDKW 刀片 TPUN INSERT



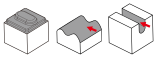
形狀 Shape	型號 Model No	尺寸 Dimension L	I.C	S	d	塗層硬質合金 Carbide Coated P M YBMG202	P M YBM351
	RD□□0501□□						
	RDKW0702MO	7	7	2.38	2.8	●	●
	RD□□0802□□						
	RDKW10T3O	10	10	3.97	4.4	●	●

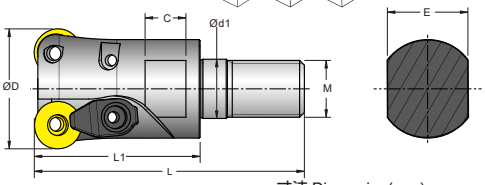
XPHT 刀片 TPUN INSERT



形狀 Shape	型號 Model No	尺寸 Dimension L	I.C	S	d	a	塗層硬質合金 Carbide Coated P M YBG302
	XPHT16R0803	16	8	3.18	3.1	9°	●
	XPHT20R10T3	20	10	3.97	4.0	9°	●

EDRDH00-D00





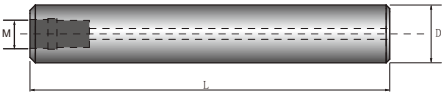
RD端銑刀
RD Exchangeable Head End Mill

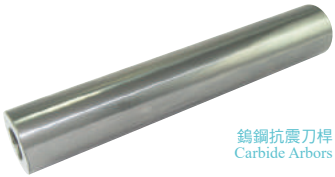
產品型號 Model No	在庫 Stock	寸法 Dimension(mm) D	d	L	M	C	E	INO	刀片 Insert	零件 Parts 螺絲 Screw	螺絲 Screw	旗型板手 Wrench	價格 Price
EDRDH08-D16	●	16	8.5	23	8	8	10	2	RD□□0802□□	CS30	TP-W3/16	T-10	
EDRDH08-D17	●	17	8.5	23	8	8	10	2					
EDRDH08-D20	●	20	10.5	30	10	8	15	2					
EDRDH08-D21	●	21	10.5	30	10	8	15	2					
EDRDH10-D25	●	25	12.5	35	12	8	17	2	RD□□10T3□□	CS40		T-15	
EDRDH10-D26	●	26	12.5	35	12	8	17	2					
EDRDH10-D30	●	30	17	43	16	8	17	2					
EDRDH10-D32	●	32	17	43	16	11	26	3					
EDRDH10-D35	●	35	17	43	16	11	26	3					

產品型號 Model No	在庫 Stock	寸法 Dimension(mm) D	d	L	M	INO	刀片 Insert	零件 Parts 螺絲 Screw	旗型板手 Wrench	價格 Price
SR-16-R8	●	16	8.5	31	8	2	XPHT16R0803	CS25	T-8	
SR-20R-R10	●	20	10.5	37	10	2	XPHT20R10T3	CS35W	T-10	

●抗震刀桿→參考249頁
●Arbor Refer Page-249
●刀片資料：RD□□0802□□、RD□□10T3□□、XPHT→參考247頁
●Insert Detail：RD□□0802□□、RD□□10T3□□、XPHT→Ref.Page-247

EC00M00000



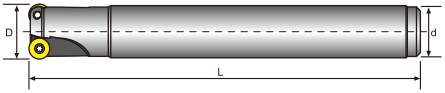


鎢鋼抗震刀桿
Carbide Arbors

產品型號 Model No	在庫 Stock	寸法 Dimension(mm) D	L	M	價格 Price
EC08M4100	●	8	100	4	
EC10M5100	●	10	100	5	
EC10M5150	●	10	150	5	
EC12M6100	●	12	100	6	
EC12M6150	●	12	150	6	
EC12M6200	●	12	200	6	
EC16M8100	●	16	100	8	
EC16M8150	●	16	150	8	
EC16M8200	●	16	200	8	
EC16M8250	●	16	250	8	
EC20M10100	●	20	100	10	
EC20M10150	●	20	150	10	
EC20M10200	●	20	200	10	
EC20M10250	●	20	250	10	
EC20M10300	●	20	300	10	
EC25M12100	●	25	100	12	
EC25M12150	●	25	150	12	
EC25M2200	●	25	200	12	
EC25M12250	●	25	250	12	
EC25M12300	●	25	300	12	
EC32M16150	●	32	150	16	
EC32M16200	●	32	200	16	
EC32M16250	●	32	250	16	
EC32M16300	●	32	300	16	
EC32M16350	●	32	350	16	
EC32M16400	●	32	400	16	

●EAPMC鎖牙式銑刀→參考226頁
●ED端銑刀→參考234頁
●RD端銑刀→參考248頁
●EAPMC End Mill Refer Page-226
●ED Exchangeable Head End Mill Refer Page-234
●RD Exchangeable Head End Mill Refer Page-248

(E)RD(HA)0R0

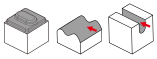


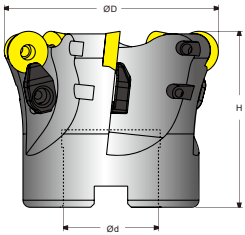
T型槽端銑刀
T-Slot End Mill

產品型號 Model No	在庫 Stock	寸法 Dimension(mm) D	d	L	INO	刀片 Insert	零件 Parts 螺絲 Screw	壓板 Clamp	壓板螺絲 Screw	旗型板手 Wrench	價格 Price
RDS2.5R10-120	●	10	10	120	2	RD□□0501□□	CS18	–	–	T-6	
RDS2.5R12-130	●	12	12	130	2						
ERDH2.5R10-100	●	10	10	100	2						
ERDH2.5R11-100	●	11	10	100	2						
ERDH2.5R12-100	●	12	12	100	2						
ERDH2.5R13-100	●	13	12	100	2						
RDS3.5R16-150	●	16	16	150	2	RD□□0702□□	CS25			T-8	
RDS3.5R17-150	●	17	16	150	2						
RDS3.5R20-150	●	20	20	150	3						
RDS3.5R21-150	●	21	20	150	3						
RDS3.5R20-200	●	20	20	200	3						
RDS3.5R21-200	●	21	20	200	3						
ERDHA4R16-150	●	16	16	150	2	RD□□0802□□		CCH3.5	CS35115	T-8 T-15	
ERDHA4R17-150	●	17	16	150	2						
ERDHA4R20-150	●	20	20	150	2						
ERDHA4R21-150	●	21	20	150	2						
ERDHA4R21-200	●	21	20	200	2						
ERDHA5R25-150	●	25	25	150	2	RD□□10T3□□	CH40			T-15	
ERDHA5R25-200	●	25	25	200	2						
ERDHA5R25-250	●	25	25	250	2						
ERDHA5R26-150	●	26	25	150	2						
ERDHA5R26-200	●	26	25	200	2						
ERDHA5R26-250	●	26	25	250	2						
ERDHA5R30-150	●	30	25	150	2						
ERDHA5R30-200	●	30	25	200	2						
ERDHA5R32-150	●	32	32	150	3						
ERDHA5R32-200	●	32	32	200	3						
ERDHA5R35-150	●	35	32	150	3						
ERDHA5R35-200	●	35	32	200	3						
ERDHA5R35-250	●	35	32	250	3						
ERDHA5R35-300	●	35	32	300	3						

●刀片資料：RD□□0501□□、RD□□0702□□、RD□□0802□□、RD□□10T3□□→參考247頁
●Insert Detail：RD□□0501□□、RD□□0702□□、RD□□0802□□、RD□□10T3□□→Ref.Page-247

ERDH





ERDH平面銑刀
ERDH High Speed Milling Cutter

本圖所示為右手刀(R)
Right-Hand Show

產品型號 Model No	在庫 Stock R	在庫 Stock L	寸法 Dimension(mm) D	d	H	INO	刀片 Insert	零件 Parts 螺絲 Screw	螺絲 Screw	壓板螺絲 Screw	旗型板手 Wrench	價格 Price
ERDHA5R50	●		50	22	50	4	RD□□10T3□□	CS40	TP-W3/16	CS35115	T-15	
ERDHA5R63A	●		63	25.4	50	5						

●刀片資料：RD□□10T3□□→參考247頁
●Insert Detail：RD□□10T3□□→Ref.Page-247

材質推薦切屑表

Recommended Cutting Condition

被削材 Workpiece			刃徑 Diameter	
			16-25mm	32-40mm
P 鋼 Steel	軟鋼 Mild Steel (SS400)	V	100-**150**-200	100-**150**-200
		f	0.8-**1.0**-1.2	0.8-**1.0**-1.2
M 不鏽鋼 Stainless steel	不鏽鋼 Stainless Steel (SUS304)	V	80-**120**-150	80-**120**-150
		f	0.7-**0.8**	0.8-**1.2**-1.3
K 鑄鐵 Cast	鑄鐵 Cast Iron (FC250)	V	100-**150**-200	100-**150**-200
		f	1.0-**1.2**-1.4	1.4-**1.5**-1.8
N 非鐵金屬 Alloy	合金 (ADC12)	V	80-**130**-180	80-**130**-180
		f	1.2-**1.4**-1.5	1.2-**1.4**-1.50

●(V=m/min. f=mm/刃) (下限值－推薦－上限值) (Min.－Optimun－Max.)
●工具回轉速度(N)=〔1000×切削速度(V)〕÷〔3.14×工具直徑(D)〕
●總進給(F)=〔每刃進給(ft)×工具刃數(Z)×工具回轉速度(N)〕

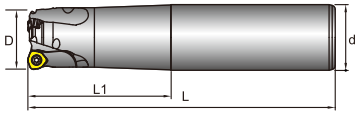
ZCMT 刀片 CN INSERT

塗層硬質合金 Carbide Coated

形狀 Shape	型號 Model No	寸法 R	P ACP100	P/M ACP200	P/M ACP300	K ACK200	K ACK300	K/M ACK310	P ACZ330	P/M ACZ350	N H1
	ZCMT0603ZDTR	1.5			●			●			
	ZCMT0804ZDTR	2.0			●			●			
	ZCMT1205ZDTR	2.0			●			●			
	ZCMT1406ZDTR	2.0			●			●			
	ZCMT0603ZDTR	1.5			●			●			
	ZCMT0804ZDTR	2.0			●			●			
	ZCMT1205ZDTR	2.0			●			●			
	ZCMT1406ZDTR	2.0			●			●			

●末尾 H：重切削(Heavy)
＊僅限部份地區銷售 ＊limited sales for aome areas

EZC

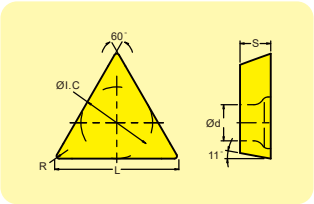


EZC端銑刀
EZC End Mill

產品型號 Model No	在庫 Stock	寸法 Dimension(mm) D1	d	L1	L2	L	INO	刀片 Insert	零件 Parts 螺絲 Screw	壓板 Clamp	螺絲 Screw	旗型板手 Wrench	價格 Price
EZC06016ES-110	●	16	16	30	80	110	2	ZCMT06	CS25	–	–	T-8	
EZC06016EM-150	●	16	16	70	80	150	2						
EZC06017EM-150	●	17	16	20	130	150	2						
EZC06018EM-150	●	18	16	20	130	150	2						
EZC06020ES-130	●	20	20	50	80	130	3						
EZC06020EM-180	●	20	20	100	80	180	3						
EZC06022EM-180	●	22	20	30	150	180	3						
EZC06025ES-140	●	25	25	60	80	140	3						
EZC06025EM-250	●	25	25	120	130	250	3						
EZC08020ES-130	●	20	20	50	80	130	2	ZCMT08	CS30			T-10	
EZC08020EM-180	●	20	20	100	80	180	2						
EZC08022EM-180	●	22	20	30	150	180	2						
EZC08025ES-140	●	25	25	60	80	140	2			CCH3.5	CS35115		
EZC08025EM-250	●	25	25	120	130	250	2						
EZC08028EM-250	●	28	25	40	210	250	2						
EZC08032ES-150	●	32	32	70	80	150	3						
EZC08032EM-250	●	32	32	120	130	250	3						
EZC08035EM-250	●	35	32	50	200	250	3						
EZC12032ES-150	●	32	32	70	80	150	2	ZCMT12	CS40			T-15	
EZC12032EM-250	●	32	32	120	130	250	2						
EZC12035EM-250	●	35	32	50	200	250	2						
EZC12040-ES-150	●	40	32	50	100	150	3						
EZC12040EM-250	●	40	32	50	200	250	3						
EZC12050EM-250	●	50	42	50	200	250	4						
EZC14040ES-150	●	40	32	50	100	150	2	ZCMT14	CS45	CCH4.5	CS45		
EZC14040EM-250	●	40	32	50	200	250	2						
EZC14050ES-150	●	50	42	50	100	150	3						
EZC14050EM-250	●	50	42	50	200	250	3						
EZC14063ES-150	●	63	42	50	100	150	4						
EZC14063EM-250	●	63	42	50	200	250	4						

●刀片資料：ZCMT06、ZCMT08、ZCMT12、ZCMT14→參考252頁
●Insert Detail：ZCMT06、ZCMT08、ZCMT12、ZCMT14→Ref.Page-252

TPUN 刀片 TPUN INSERT



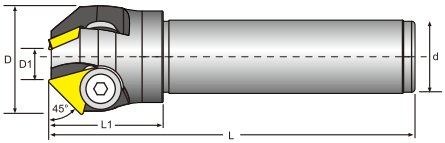
尺寸 Dimension	
切刃長 L：16.5	厚度 S：4.76
內切圓 IC：9.525	孔徑 Ød：4.4

◆ 材質介紹→參考D頁 Grade Ref.Page-D
◆ 斷削槽選擇→參考F-H頁 Chipbreaker Ref.Page-F-H
◆ 切削條件→參考I頁 Cutting condition Ref.Page-I

形狀 Shape	型號 Model No	半徑 R	塗層硬質合金 Carbide Coated P DF133	P DF233	P DF333	P BEG607	P/M BEJ750	M BEP706	K BEG607	N BEJ757	金屬陶瓷 Cermet W35	BQJ606	BQW706	鍍鈦 Titanium Plating BQJ606F
	TPUN160308	0.8					●	●						

●標準庫存 ●Sandard Stocks

TM45°



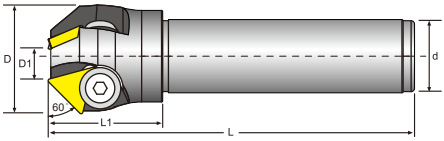
TM倒角刀
TM Countersink

寸法 Dimension(mm)

產品型號 Model No	在庫 Stock	D	D1	d	L	L1	INO	刀片 Insert	零件 Parts 螺絲 Screw	L型板手 Wrench	價格 Price
TM5-20-45	●	20	7	20	120	40	1	TP□□1603	TP-W1/4	LW040	
TM10-31-45	●	31	14	20	120	40	2				
TM20-50-45	●	50	23	32	160	50	3	TP□□2204	TP-W5/16	LW050	
TM35-63-45	●	63	36	32	160	50	3				

●刀片資料：TP□□1603□□、TP□□2204□□→參考254頁
●Insert Detail：TP□□1603□□、TP□□2204□□→Ref.Page-254

TM60°



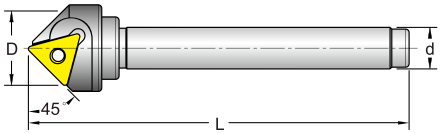
TM倒角刀
TM Countersink

寸法 Dimension(mm)

產品型號 Model No	在庫 Stock	D	D1	d	L	L1	INO	刀片 Insert	零件 Parts 螺絲 Screw	L型板手 Wrench	價格 Price
TM5-20-60	●	20	8	20	120	40	1	TP□□1603	TP-W1/4	LW040	
TM10-31-60	●	31	19	20	120	40	2				
TM20-50-60	●	50	32	32	160	50	3	TP□□2204	TP-W5/16	LW050	
TM35-63-60	●	63	45	32	160	50	3				

●刀片資料：TP□□1603□□、TP□□2204□□→參考254頁
●Insert Detail：TP□□1603□□、TP□□2204□□→Ref.Page-254

TC45°

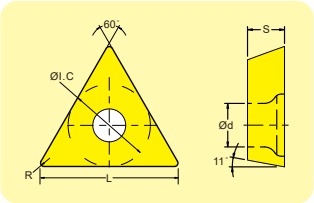


TC倒角刀
TC Countersink

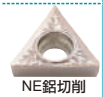
產品型號 Model No	在庫 Stock	寸法 Dimension(mm) D	d	L	INO	刀片 Insert	零件 Parts 螺絲 Screw	旗型板手 Wrench	價格 Price
TC10-30	●	30	10	74	1	TC□□16T3	CS40	T-15	
TC10-45	●	25	10	74	1				
TC12	●	20	12	110	1				
TC40	●	40	12	100	1				

●刀片資料：TC□□16T3□□→參考255頁
●Insert Detail：TC□□16T3□□→Ref.Page-255

TC 刀片 TC INSERT



◆ 材質介紹→參考D頁 Grade Ref.Page-D
◆ 斷削槽選擇→參考F-H頁 Chipbreaker Ref.Page-F-H
◆ 切削條件→參考I頁 Cutting condition Ref.Page-I

形狀 Shape	型號 Model No	尺寸 Dimension 半徑 R	L	I.C	S	d	塗層硬質合金 Carbide Coated P DF133	P DF233	P DF333	P BEF607	P/M BEJ750	P/M BEP706	K ECK200	K BEG607	N BEJ757	金屬陶瓷 Cermet W35	BQJ606	BQW706	BQJ6060F
GO中切削 Medium	TCMT16T304-GO	0.4	16.5	9.525	3.97	4.4					●								
	TCMT16T308-GO	0.8	16.5	9.525	3.97	4.34					●								
 NE鋁切削 Medium	TCGT16T308-NE	0.8	16.5	6.35	3.18	2.8									●				

●標準庫存　＊僅限部份地區銷售　◎優先推薦
●Sandard Stocks　＊limited sales for aome areas　◎Highly Recommend