

A

刀片 Insert

◆刀片識別系統 B-C
Turning Insert Identification System

◆車削用材質 D
Recommend Material Grades For Turning

◆各公司材質對照表 E
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◆正、負角斷削槽選擇 F-G
Selection Of Chip Breaker

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Recommended Cutting Condition

◆產品型號尺寸材質 J-AN
Insert's Item name, Material and Specification

◆牙刀片識別系統 AO
Threading Insert Identification System

◆牙刀材料牌號 AP
Threading Carbided Grades

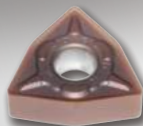
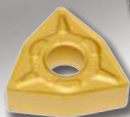
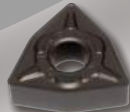
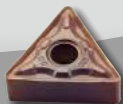
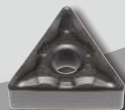
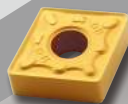
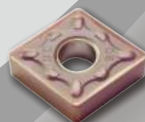
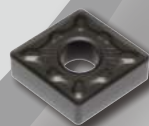
◆根據螺旋角的墊片選擇 AP
Selection Base On Helix Angle Anvils

◆牙刀切削參數 AQ
Machine Conditions

◆牙刀進向方式的切削建議 AR
Recommend Of Infeed Modes On Threading Break Shapes

◆外徑/內徑(公制/英制)螺紋加工進給切深參數 AS
O.D Metric Threads、I.D Inch Diameter Threads

◆牙刀型號尺寸材質 AT-AU
Threading Insert's Item name, Material and Specification



刀片識別系統

Turning Insert Identification System

C **N** **M** **G**

1 2 3 4

1 刀片形狀 Insert shape 2 離隙角 Relief angle 3 精度記號 Tolerance 4 孔溝記號 Insert type

1 刀片形狀 Insert shape

記號 Sign	刀片形狀 Insert shape	角度 Angle
C		80°
D		55°
E		75°
M		86°
V		35°
A		85°
B		82°
K		55°
H		正六角形 120°
O		正八角形 135°
P		正五角形 108°
L		長方形 90°
R		圓形 —
S		正方形 90°
T		正三角形 60°
W		桃形 80°

2 離隙角 Relief angle

記號 Sign	離隙角度 Relief angle	記號 Sign	離隙角度 Relief angle
A	 3°	F	 25°
B	 5°	G	 30°
C	 7°	N	 0°
D	 15°	P	 11°
E	 20°		

3 公差記號 Tolerance

記號 Sign	內接圓公差 "IC"		刀尖高度公差 "B"		厚度公差 "T"	
	in	mm	in	mm	in	mm
C	±0.010	±0.025	±0.0005	±0.013	±0.001	±0.025
H	±0.005	±0.013	±0.0005	±0.013	±0.001	±0.025
E	±0.010	±0.025	±0.0010	±0.025	±0.001	±0.025
G	±0.010	±0.025	±0.0010	±0.025	±0.005	±0.13
M	±0.005	±0.13	±0.005	±0.13	±0.005	±0.13
U	±0.005	±0.13	±0.005	±0.13	±0.005	±0.13

4 孔溝記號 Insert type

記號 Sign	溝孔類型 Insert type	記號 Sign	溝孔類型 Insert type	記號 Sign	溝孔類型 Insert type	記號 Sign	溝孔類型 Insert type
N		M		Q		C	
R		G		U		J	
F		W		B			
A		T		H			

12 04 08 □ □ □

5 6 7 8 9 10

5 尺寸 Size 6 厚度 Thickness 7 刀尖R記號 Corner radius 8 刀片方向 Hand of insert 9 切邊狀況及排屑槽 Cutting edge condition & chip control

A
刀片
INSERT

B
鏢鋼端銑刀
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

C

5 尺寸 Size 切刃長和內接圓記號 Cutting Edge Length, Diameter of IC

內接圓 IC		公制切刃長度 metric cutting edge length							英制切刃長度 Inch cutting edge length
in	mm	◇	◇	Ⓡ	□	△	▽	▽	
5/32	3.97	—	04	03	03	06	—	—	1.2 (5)
3/16	4.76	04	05	04	04	08	08	—	1.5 (6)
7/23	5.56	05	06	05	05	09	09	03	1.8 (7)
0.236	6.00	—	—	06	—	—	—	—	—
1/4	6.35	06	07	06	06	11	11	04	2
5/16	7.94	08	09	07	07	13	13	05	2.5
0.315	8.00	—	—	08	—	—	—	—	—
3/8	9.52	09	11	09	09	16	16	06	3
0.394	10.00	—	—	10	—	—	—	—	—
1/16	11.11	11	13	11	11	19	19	07	3.5
0.472	12.00	—	—	12	—	—	—	—	—
1/2	12.70	12	15	12	12	22	22	08	4
9/16	14.29	14	17	14	14	24	24	09	4.5
5/8	15.88	16	19	15	15	27	27	10	5
0.630	16.00	—	—	16	—	—	—	—	—
11/16	17.46	17	21	17	17	30	30	11	5.5
3/4	19.05	19	23	19	19	33	33	13	6
0.787	20.00	—	—	20	—	—	—	—	—
7/8	22.22	22	27	22	22	38	38	15	7
0.984	25.00	—	—	25	—	—	—	—	—
1	25.40	25	31	25	25	44	44	17	8
1-1/4	31.75	32	38	31	31	54	54	21	10
1.260	32.00	—	—	32	—	—	—	—	—

Inch size : () Symbol for small size insert 英制尺寸: () 符號為小尺寸刀片

6 厚度 Thickness

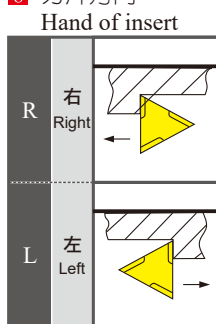
in	mm	英制 Inch	公制Metric
1/32	0.79	0.5 (1)	—
1/16	1.59	1 (2)	01
5/64	1.98	1.2	T1
3/32	2.38	1.5 (3)	02
1/8	3.18	2	03
5/32	3.97	2.5	T3
3/16	4.76	3	04
7/32	5.56	3.5	05
1/4	6.35	4	06
5/16	7.94	5	07
3/8	9.52	6	09
7/16	11.11	7	11
1/2	12.70	8	12

Inch size: () Symbol for small size insert
英制尺寸: () 符號為小尺寸刀片

7 刀尖R記號 Corner radius

Corner radius		symbol	
in	mm	英制 Inch	公制Metric
.004	0.1	0	01
.008	0.2	0.5	02
1/64	0.4	1	04
1/32	0.8	2	08
3/64	1.2	3	12
1/16	1.6	4	16
5/64	2.0	5	20
3/32	2.4	6	24
7/64	2.8	7	28
1/8	3.2	8	32
圓型刀片英制 round insert (inch)		—	00
圓型刀片公制 round insert (metric)		—	M0

8 刀片方向 Hand of insert



9 10

切邊狀況及排屑槽
Cutting edge condition
& chip control

車削用材質

Recommend Material Grades For Turning

A 刀片 INSERT
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

切削狀態 Cutting State	JIS使用分類 JIS Classification									
	鎢鋼鍍鈦 Carbide with Altin Coating					金屬陶瓷 Cermet				
	輕切削 Light					輕切削 Light				粗切削 heavy
	01	10	20	30	40	01	10	20	30	40
P 鋼 Steel		ECP100 ECP200	ECP200/ECP250	ECP300	ECP400		BQJ606F BQJ606F BQW706			
M 不鏽鋼 Stainless steel		ECM050 BEJ657	ECM100 BEJ757	ECM200 BEJ750 BEJ857	BEP706 BEP708		BQJ606 BQJ606F BQW706			
K 鑄鐵 Cast		ECK100	ECK200 BEG607 ECP100				BQJ606 BQJ606F BQW706			
N 非鐵金屬 Alloy		BEJ757								

各公司材質對照表

Grade Comparison Chart

用途 Application	使用分類 Class	級別 Grade	益 詮 Echain	住友電工 Sumitomo	三 菱 綜合材料 Mitsubishi	泰珂洛 Tungaloy	京 瓷 Kyocera
車 削 Turning	P 鋼 Steel	P05	ECP100	AC810P	UE6105	T9105	CA5505
		P10	ECP100 ECP200	AC810P AC820P	UE6110	T9115	CA5515
		P20	ECP200 ECP250	AC820P	UE6020	T9125	CA5525
		P30	ECP250 ECP300	AC830P	UE6035 VP15TF	T9135	CA5535
		P40	ECP400	AC830P	UE6035 UH6400	T9135	PR660
	M 不鏽鋼 Stainless steel	M10	ECM050 BEJ657	AC610M AC520U	US905 VP05RT VP10RT US7020	T9115 AH110 AH905	PR1305 CA6515 PR905
		M20	ECM100 BEJ757	AC610M AC520U	US7020 VP20MF UP20M	T6020 AH120 AH725	PR1310 CA6525 PR930 PR915
		M30	ECM200 BEJ750 BEJ857	AC630M AC830P AC530U	US735 VP15TF VP20MF	AH725 T6030 AH630	PR1325 CA6525 PR660 PR1125
		M40	BEP706 BEP708	AC630M AC530U	US735 VP15TF	SH730 AH645	PR660 PR1125
	K 鑄鐵 Cast	K05	ECK100	AC405K	UC5115	T5105 T5115	CA4505 CA4010
		K10	ECK200 BEG607 ECP100	AC415K	UC5105 UC5115	T5115 T5125	CA4505 CA4015 CA4115
		K20		AC420K	UC5115 VP15TF UE6110	T5125 T9125	CA4515 CA4020 CA4115
	金屬陶瓷 Cermet		BQJ606F BQJ606 BQW706	T1200A T1500A	NX2525	NS530	W60

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CARBIDE END MILL

C
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TOOL HOLDER

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TOOL HOLDER WITH COOLANT

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走心式車刀架
AUTOMATIC LATHES

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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

正角斷削槽選擇

Selection Of Chip Breaker

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INSERT

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CARBIDE END MILL

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外徑出水車刀架
TOOL HOLDER
WITH COOLANT

E
走心式車刀架
AUTOMATIC LATHES

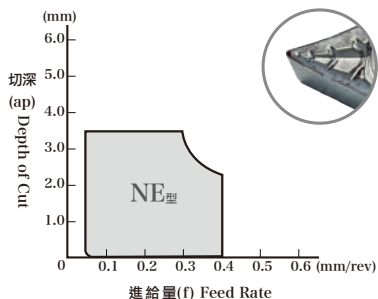
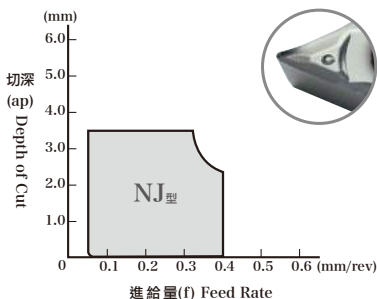
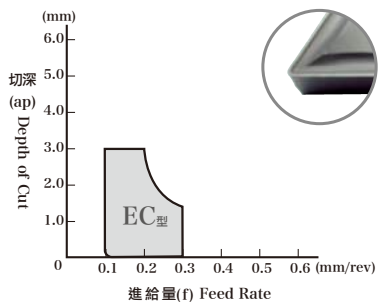
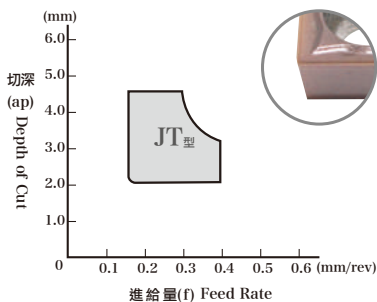
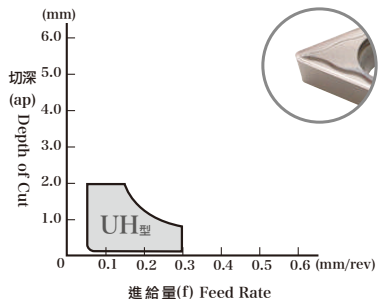
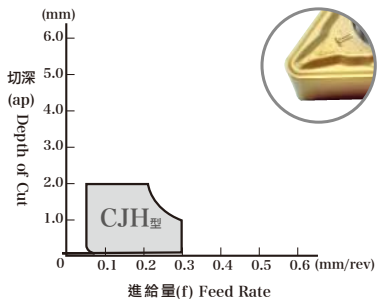
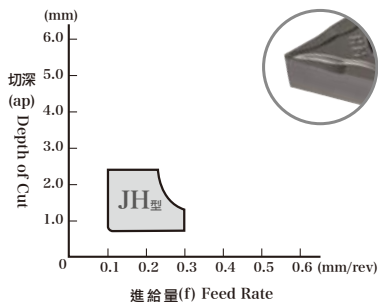
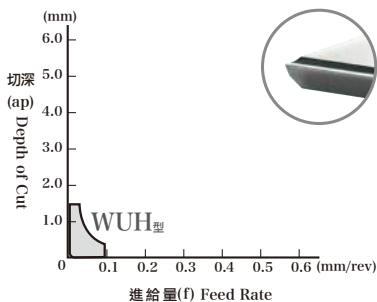
F
手工具
HAND TOOLS

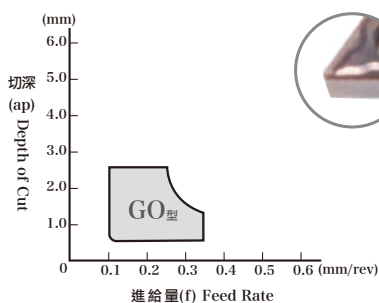
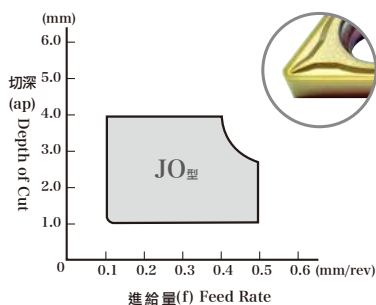
G
內徑車刀架
BORING BAR

H
切斷刀架
GROOVING

I
銑刀
END MILL
CUTTER

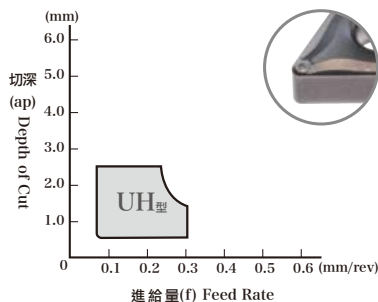
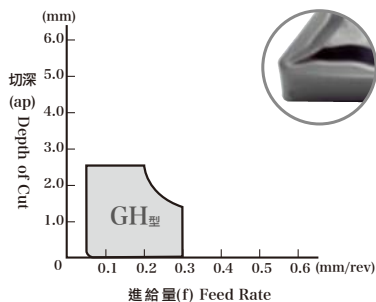
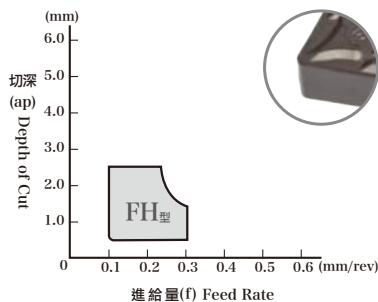
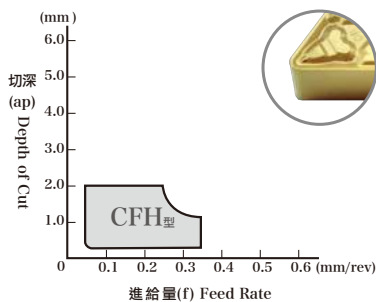
J
快速鑽頭
RAPID DRILL

K
機床配件
MACHINE
ACCESSORIES




負角斷削槽選擇

Selection Of Chip Breaker



A
刀片
INSERT

B
鎢鋼端銑刀
CARBIDE END MILL

C
外徑車刀架
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MACHINE ACCESSORIES

Selection Of Chip Breaker 斷削槽選擇



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GROOVING

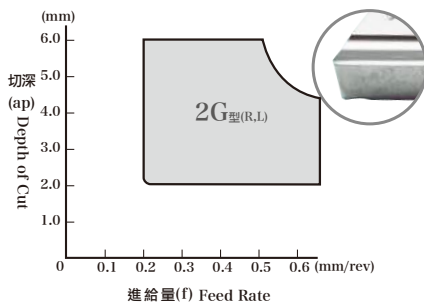
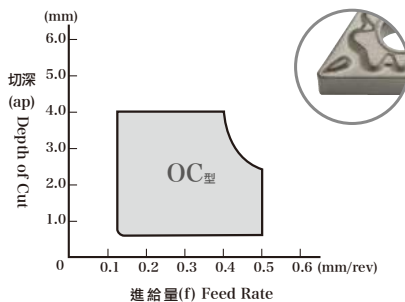
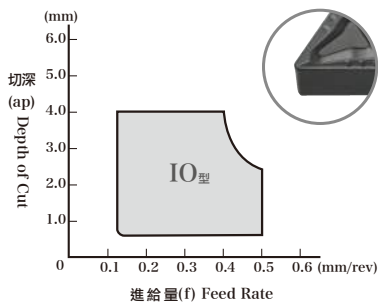
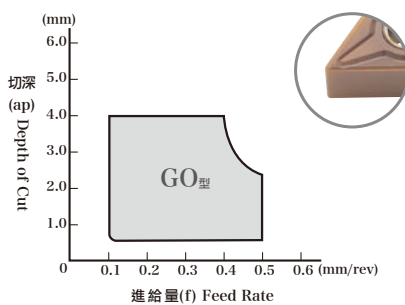
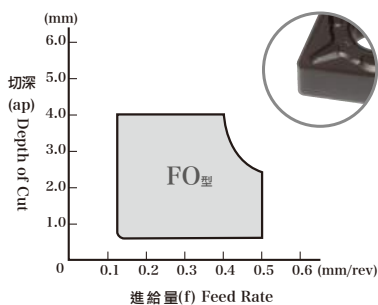
I

銑刀
END MILL
CUTTER

J

快速鑽頭
RAPID DRILL

K

機床配件
MACHINE
ACCESSORIES


材質推薦切屑表

Recommended Cutting Condition

被削材 Workpiece		進給(f) Feed.(f)	切削速度 m/min(v) Cutting Speed	
P 鋼 Steel	碳素鋼 Carbon Steel	ECK200 / DF133	0.15~0.5	200~350
		ECP200 / DF233	0.15~0.5	150~300
		ECP300 / DF333	0.15~0.5	120~250
		BEF706	0.15~0.5	160~460
		BEF607	0.1~0.6	220~500
		BEP706	0.2~0.6	110~280
		W35	0.08~0.3	100~350
	合金鋼 Alloy Steel	ECK200 / DF133	0.15~0.5	150~300
		ECP200 / DF233	0.15~0.5	100~250
		ECP300 / DF333	0.15~0.5	80~200
		BEF706	0.15~0.5	160~350
		BEF607	0.15~0.5	200~400
		BEP706	0.15~0.5	110~250
		W35	0.15~0.5	50~250
M 不鏽鋼 Stainless steel	不鏽鋼 Stainless Steel	ECM100 BEJ750	0.1~0.45	170~300
		BEJ759 BEP706	0.1~0.4	110~280
		BEJ657	0.1~0.45	180~460
K 鑄鐵 Cast	鑄鐵 Cast Iron	ECK200 BEG607	0.1~0.5	190~450
N 非鐵金屬 Alloy	非鐵金屬 Alloy	BEJ757	0.1~0.4	110~500
		BQJ606F	0.1~0.4	270~450
		BQJ606	0.1~0.4	250~400

●(V=m/min · F=mm/rev) (下限値—推薦値—上限値) (Min.—Optimum—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(f)×工具刃數(Z)×工具回轉速度(N)]

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銑刀
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J
快速鑽頭
RAPID DRILL

K
機床配件
MACHINE ACCESSORIES

Recommend Cutting Condition 材質推薦切屑表



A
刀片
INSERT

CN
刀片

T
刀片

W
刀片

D
刀片

V
刀片

S
刀片

R
刀片

ECH
刀片

EC
刀片

ER/IR
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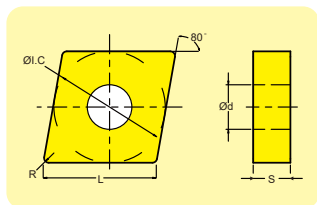
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尺寸 Dimension

切刃長 L : 12.9 厚度 S : 4.76

內切圓 IC : 12.7 孔徑 Ød : 5.16

◆ 材質介紹→參考D頁
Grade Ref. Page-D

◆ 斷屑槽選擇→參考F-H頁
Chipbreaker Ref. Page-F-H

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

塗層硬質合金 Carbide Coated

金屬陶瓷 Cermet

P										M			K			N			鍍鈦 Titanium Plating																																														
DF133			DF233			DF333			ECF1000			ECF2000			ECF3000			BEF607			BEF707			ECM1000			ECM2000			BEF706			BEJ757			BEJ758			BEK1000			BEK2000			BEK3000			BEG607			BG656			W35			BQJ606			BQJ606F			BQJ606F		

形狀 Shape	型號 Model No	半徑 R	DF133	DF233	DF333	ECF100	ECF200	ECF300	BEF607	BEF707	ECM100	ECM200	BEF706	BEJ750	BEJ757	BEJ758	BEK100	BEK200	BEK300	BEG607	BG656	W35	BQJ606	BQJ606F
	CNMA120408	0.8																						
	CNMA120412	1.2																						
	CNMG120408	0.4																						
	CNMG120404-CFH	0.4																						
	CNMG120408-CFH	0.8																						
	CNMG120412-CFH	1.2																						
	CNMG120404-FO	0.4																						
	CNMG120408-FO	0.8																						
	CNMG120412-FO	1.2																						
	CNMG120404-FT	0.4																						
	CNMG120408-FT	0.8																						
	CNMG120408-GO	0.8																						

●標準庫存

* 僅限中國地區銷售

◎僅限台灣地區銷售

●Standard Stocks

* Sales is China only

◎Sales is Taiwan only

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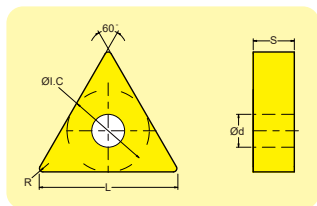
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TN 刀片
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尺寸 Dimension

切刃長 L : 16.5 厚度 S : 4.76

內切圓 IC : 9.525 孔徑 Ød : 3.81

◆ 材質介紹→參考D頁
Grade Ref. Page-D

◆ 斷屑槽選擇→參考F-H頁
Chipbreaker Ref. Page-F-H

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

塗層硬質合金 Carbide Coated

金屬陶瓷 Cermet

P										M					K			N		鎢鈷 Titanium Casting	
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形狀 Shape	型號 Model No	半徑 R	DF133	DF333	ECF100	ECF200	BEF300	BEF607	ECM100	ECM200	BEF706	BEJ750	BEJ757	BEJ758	ECK100	ECK200	ECK300	BEG607	BG656	W35	BQJ606	BQJ606F	BQJ606F
	TNMA160404	0.4																					
	TNMA160408	0.8																					
	TNMG160408	0.8																					
	TNMG160404-CFH	0.4																					
	TNMG160408-CFH	0.8																					
	TNMG160404-FO	0.4																					
	TNMG160408-FO	0.8																					
	TNMG160412-FO	1.2																					
	TNMG160404L-2G	0.4																					
	TNMG160404R-2G	0.4																					
	TNMG160404L-HO	0.4																					
	TNMG160404R-HO	0.4																					
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● 標準庫存

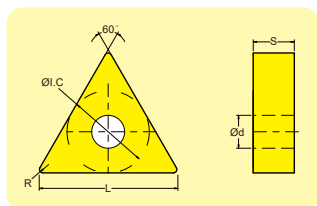
● Standard Stocks

* 僅限中國地區銷售

* Sales is China only

◎ 僅限台灣地區銷售

◎ Sales is Taiwan only



尺寸 Dimension

切刃長 L : 16.5 厚度 S : 4.76

內切圓 IC : 9.525 孔徑 Ød : 3.81

◆材質介紹→參考D頁
Grade Ref. Page-D

◆斷屑槽選擇→參考F-H頁
Chipbreaker Ref. Page-F-H

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

塗層硬質合金 Carbide Coated

金屬陶瓷 Cermet

塗層硬質合金 Carbide Coated										金屬陶瓷 Cermet																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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DF133	DF233	DF333	EGF100	EGF200	EGF300	BEF607	BEF707	ECM100	ECM200	BEF4875	BEF750	BEJ757	BEJ758	BEJ759	BEJ760	BEJ761	BEJ762	BEJ763	BEJ764	BEJ765	BEJ766	BEJ767	BEJ768	BEJ769	BEJ770	BEJ771	BEJ772	BEJ773	BEJ774	BEJ775	BEJ776	BEJ777	BEJ778	BEJ779	BEJ780	BEJ781	BEJ782	BEJ783	BEJ784	BEJ785	BEJ786	BEJ787	BEJ788	BEJ789	BEJ790	BEJ791	BEJ792	BEJ793	BEJ794	BEJ795	BEJ796	BEJ797	BEJ798	BEJ799	BEJ800	BEJ801	BEJ802	BEJ803	BEJ804	BEJ805	BEJ806	BEJ807	BEJ808	BEJ809	BEJ810	BEJ811	BEJ812	BEJ813	BEJ814	BEJ815	BEJ816	BEJ817	BEJ818	BEJ819	BEJ820	BEJ821	BEJ822	BEJ823	BEJ824	BEJ825	BEJ826	BEJ827	BEJ828	BEJ829	BEJ830	BEJ831	BEJ832	BEJ833	BEJ834	BEJ835	BEJ836	BEJ837	BEJ838	BEJ839	BEJ840	BEJ841	BEJ842	BEJ843	BEJ844	BEJ845	BEJ846	BEJ847	BEJ848	BEJ849	BEJ850	BEJ851	BEJ852	BEJ853	BEJ854	BEJ855	BEJ856	BEJ857	BEJ858	BEJ859	BEJ860	BEJ861	BEJ862	BEJ863	BEJ864	BEJ865	BEJ866	BEJ867	BEJ868	BEJ869	BEJ870	BEJ871	BEJ872	BEJ873	BEJ874	BEJ875	BEJ876	BEJ877	BEJ878	BEJ879	BEJ880	BEJ881	BEJ882	BEJ883	BEJ884	BEJ885	BEJ886	BEJ887	BEJ888	BEJ889	BEJ890	BEJ891	BEJ892	BEJ893	BEJ894	BEJ895	BEJ896	BEJ897	BEJ898	BEJ899	BEJ900	BEJ901	BEJ902	BEJ903	BEJ904	BEJ905	BEJ906	BEJ907	BEJ908	BEJ909	BEJ910	BEJ911	BEJ912	BEJ913	BEJ914	BEJ915	BEJ916	BEJ917	BEJ918	BEJ919	BEJ920	BEJ921	BEJ922	BEJ923	BEJ924	BEJ925	BEJ926	BEJ927	BEJ928	BEJ929	BEJ930	BEJ931	BEJ932	BEJ933	BEJ934	BEJ935	BEJ936	BEJ937	BEJ938	BEJ939	BEJ940	BEJ941	BEJ942	BEJ943	BEJ944	BEJ945	BEJ946	BEJ947	BEJ948	BEJ949	BEJ950	BEJ951	BEJ952	BEJ953	BEJ954	BEJ955	BEJ956	BEJ957	BEJ958	BEJ959	BEJ960	BEJ961	BEJ962	BEJ963	BEJ964	BEJ965	BEJ966	BEJ967	BEJ968	BEJ969	BEJ970	BEJ971	BEJ972	BEJ973	BEJ974	BEJ975	BEJ976	BEJ977	BEJ978	BEJ979	BEJ980	BEJ981	BEJ982	BEJ983	BEJ984	BEJ985	BEJ986	BEJ987	BEJ988	BEJ989	BEJ990	BEJ991	BEJ992	BEJ993	BEJ994	BEJ995	BEJ996	BEJ997	BEJ998	BEJ999	BEJ1000	BEJ1001	BEJ1002	BEJ1003	BEJ1004	BEJ1005	BEJ1006	BEJ1007	BEJ1008	BEJ1009	BEJ1010	BEJ1011	BEJ1012	BEJ1013	BEJ1014	BEJ1015	BEJ1016	BEJ1017	BEJ1018	BEJ1019	BEJ1020	BEJ1021	BEJ1022	BEJ1023	BEJ1024	BEJ1025	BEJ1026	BEJ1027	BEJ1028	BEJ1029	BEJ1030	BEJ1031	BEJ1032	BEJ1033	BEJ1034	BEJ1035	BEJ1036	BEJ1037	BEJ1038	BEJ1039	BEJ1040	BEJ1041	BEJ1042	BEJ1043	BEJ1044	BEJ1045	BEJ1046	BEJ1047	BEJ1048	BEJ1049	BEJ1050	BEJ1051	BEJ1052	BEJ1053	BEJ1054	BEJ1055	BEJ1056	BEJ1057	BEJ1058	BEJ1059	BEJ1060	BEJ1061	BEJ1062	BEJ1063	BEJ1064	BEJ1065	BEJ1066	BEJ1067	BEJ1068	BEJ1069	BEJ1070	BEJ1071	BEJ1072	BEJ1073	BEJ1074	BEJ1075	BEJ1076	BEJ1077	BEJ1078	BEJ1079	BEJ1080	BEJ1081	BEJ1082	BEJ1083	BEJ1084	BEJ1085	BEJ1086	BEJ1087	BEJ1088	BEJ1089	BEJ1090	BEJ1091	BEJ1092	BEJ1093	BEJ1094	BEJ1095	BEJ1096	BEJ1097	BEJ1098	BEJ1099	BEJ1100	BEJ1101	BEJ1102	BEJ1103	BEJ1104	BEJ1105	BEJ1106	BEJ1107	BEJ1108	BEJ1109	BEJ1110	BEJ1111	BEJ1112	BEJ1113	BEJ1114	BEJ1115	BEJ1116	BEJ1117	BEJ1118	BEJ1119	BEJ1120	BEJ1121	BEJ1122	BEJ1123	BEJ1124	BEJ1125	BEJ1126	BEJ1127	BEJ1128	BEJ1129	BEJ1130	BEJ1131	BEJ1132	BEJ1133	BEJ1134	BEJ1135	BEJ1136	BEJ1137	BEJ1138	BEJ1139	BEJ1140	BEJ1141	BEJ1142	BEJ1143	BEJ1144	BEJ1145	BEJ1146	BEJ1147	BEJ1148	BEJ1149	BEJ1150	BEJ1151	BEJ1152	BEJ1153	BEJ1154	BEJ1155	BEJ1156	BEJ1157	BEJ1158	BEJ1159	BEJ1160	BEJ1161	BEJ1162	BEJ1163	BEJ1164	BEJ1165	BEJ1166	BEJ1167	BEJ1168	BEJ1169	BEJ1170	BEJ1171	BEJ1172	BEJ1173	BEJ1174	BEJ1175	BEJ1176	BEJ1177	BEJ1178	BEJ1179	BEJ1180	BEJ1181	BEJ1182	BEJ1183	BEJ1184	BEJ1185	BEJ1186	BEJ1187	BEJ1188	BEJ1189	BEJ1190	BEJ1191	BEJ1192	BEJ1193	BEJ1194	BEJ1195	BEJ1196	BEJ1197	BEJ1198	BEJ1199	BEJ1200	BEJ1201	BEJ1202	BEJ1203	BEJ1204	BEJ1205	BEJ1206	BEJ1207	BEJ1208	BEJ1209	BEJ1210	BEJ1211	BEJ1212	BEJ1213	BEJ1214	BEJ1215	BEJ1216	BEJ1217	BEJ1218	BEJ1219	BEJ1220	BEJ1221	BEJ1222	BEJ1223	BEJ1224	BEJ1225	BEJ1226	BEJ1227	BEJ1228	BEJ1229	BEJ1230	BEJ1231	BEJ1232	BEJ1233	BEJ1234	BEJ1235	BEJ1236	BEJ1237	BEJ1238	BEJ1239	BEJ1240	BEJ1241	BEJ1242	BEJ1243	BEJ1244	BEJ1245	BEJ1246	BEJ1247	BEJ1248	BEJ1249	BEJ1250	BEJ1251	BEJ1252	BEJ1253	BEJ1254	BEJ1255	BEJ1256	BEJ1257	BEJ1258	BEJ1259	BEJ1260	BEJ1261	BEJ1262	BEJ1263	BEJ1264	BEJ1265	BEJ1266	BEJ1267	BEJ1268	BEJ1269	BEJ1270	BEJ1271	BEJ1272	BEJ1273	BEJ1274	BEJ1275	BEJ1276	BEJ1277	BEJ1278	BEJ1279	BEJ1280	BEJ1281	BEJ1282	BEJ1283	BEJ1284	BEJ1285	BEJ1286	BEJ1287	BEJ1288	BEJ1289	BEJ1290	BEJ1291	BEJ1292	BEJ1293	BEJ1294	BEJ1295	BEJ1296	BEJ1297	BEJ1298	BEJ1299	BEJ1300	BEJ1301	BEJ1302	BEJ1303	BEJ1304	BEJ1305	BEJ1306	BEJ1307	BEJ1308	BEJ1309	BEJ1310	BEJ1311	BEJ1312	BEJ1313	BEJ1314	BEJ1315	BEJ1316	BEJ1317	BEJ1318	BEJ1319	BEJ1320	BEJ1321	BEJ1322	BEJ1323	BEJ1324	BEJ1325	BEJ1326	BEJ1327	BEJ1328	BEJ1329	BEJ1330	BEJ1331	BEJ1332	BEJ1333	BEJ1334	BEJ1335	BEJ1336	BEJ1337	BEJ1338	BEJ1339	BEJ1340	BEJ1341	BEJ1342	BEJ1343	BEJ1344	BEJ1345	BEJ1346	BEJ1347	BEJ1348	BEJ1349	BEJ1350	BEJ1351	BEJ1352	BEJ1353	BEJ1354	BEJ1355	BEJ1356	BEJ1357	BEJ1358	BEJ1359	BEJ1360	BEJ1361	BEJ1362	BEJ1363	BEJ1364	BEJ1365	BEJ1366	BEJ1367	BEJ1368	BEJ1369	BEJ1370	BEJ1371	BEJ1372	BEJ1373	BEJ1374	BEJ1375	BEJ1376	BEJ1377	BEJ1378	BEJ1379	BEJ1380	BEJ1381	BEJ1382	BEJ1383	BEJ1384	BEJ1385	BEJ1386	BEJ1387	BEJ1388	BEJ1389	BEJ1390	BEJ1391	BEJ1392	BEJ1393	BEJ1394	BEJ1395	BEJ1396	BEJ1397	BEJ1398	BEJ1399	BEJ1400	BEJ1401	B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A
刀片
INSERT

C

TN

W

D

V

S

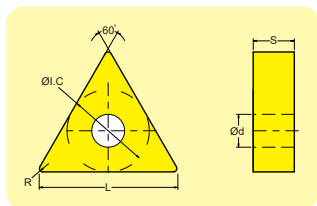
R

ECH

EC

ER/IR

TN 刀片
TN INSERT 60°



尺寸 Dimension

切刃長 L : 16.5 厚度 S : 4.76

內切圓 IC : 9.525 孔徑 Ød : 3.81

◆ 材質介紹→參考D頁
Grade Ref. Page-D

◆ 斷屑槽選擇→參考F-H頁
Chipbreaker Ref. Page-F-H

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

塗層硬質合金 Carbide Coated

金屬陶瓷 Cermet

P										M		K		N		鍍鈦 Titanium Plating				
DF1333	DF3333	ECF1000	ECF2000	ECF3000	BEF707	BEF607	ECM100	ECM200	BEF706	BEJ750	BEJ757	BEJ758	ECK100	ECK200	ECK300	BEG607	BG656	W35	BQJ606	BQJ606F

形狀 Shape 型號 Model No 半徑 R

BE(L) TNMG160404L-BE 0.4

TNMG160404R-BE 0.4

BE(R) TNMG160408L-BE 0.8

TNMG160408R-BE 0.8

GO中切削 Medium TNMG160404-GO 0.4

TNMG160408-GO 0.8

UH精切削 Finish TNMG160404-UH 0.4

TNMG160408-UH 0.8

TNMG160408-VE 0.8

*XZ中粗切削 Medium and roughing TNMG160404N-XZ 0.4

TNMG160408N-XZ 0.8

尺寸 Dimension

切刃長 L : 16.5 厚度 S : 4.76

內切圓 IC : 12.7 孔徑 Ød : 3.81

塗層硬質合金 Carbide Coated

金屬陶瓷 Cermet

鍍鈦 Titanium Plating										B QJ606F BQJ606 W35 BQJ606 BQJ606F									
P					M					K					N				
DF133	DF333	ECF100	ECF200	ECF300	BEF707	BEF607	ECM100	ECM200	BEF706	BEJ757	BEJ758	ECK100	ECK200	ECK300	BEG607	BG656	W35	BQJ606	BQJ606F

形狀 Shape 型號 Model No 半徑 R

FO中切削 Medium TNMG220404-FO 0.4

TNMG220408-FO 0.8

●標準庫存

* 僅限中國地區銷售

◎僅限台灣地區銷售

●Standard Stocks

* Sales is China only

◎Sales is Taiwan only

A
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V
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S
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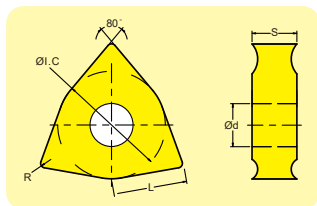
R
○

ECH
▽

EC
▽

ER/IR
▽

WN 刀片
WN INSERT



尺寸 Dimension

切刃長 L : 8.7 厚度 S : 4.76

內切圓 IC : 12.7 孔徑 Ød : 5.16

◆ 材質介紹→參考D頁
Grade Ref. Page-D

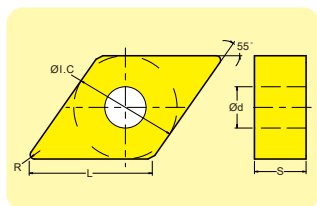
◆ 斷屑槽選擇→參考F-H頁
Chipbreaker Ref. Page-F-H

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

塗層硬質合金 Carbide Coated

金屬陶瓷 Cermet

形狀 Shape	型號 Model No	半徑 R	DF133	DF333	EGP100	EGP200	EGP300	BEF607	ECM100	ECM200	BEJ706	BEJ750	BEJ757	BEJ758	BEJ759	BEJ760	BEJ761	BEJ762	BEJ763	BEJ764	BEJ765	BEJ766	BEJ767	BEJ768	BEJ769	BEJ770	BEJ771	BEJ772	BEJ773	BEJ774	BEJ775	BEJ776	BEJ777	BEJ778	BEJ779	BEJ780	BEJ781	BEJ782	BEJ783	BEJ784	BEJ785	BEJ786	BEJ787	BEJ788	BEJ789	BEJ790	BEJ791	BEJ792	BEJ793	BEJ794	BEJ795	BEJ796	BEJ797	BEJ798	BEJ799	BEJ800	BEJ801	BEJ802	BEJ803	BEJ804	BEJ805	BEJ806	BEJ807	BEJ808	BEJ809	BEJ810	BEJ811	BEJ812	BEJ813	BEJ814	BEJ815	BEJ816	BEJ817	BEJ818	BEJ819	BEJ820	BEJ821	BEJ822	BEJ823	BEJ824	BEJ825	BEJ826	BEJ827	BEJ828	BEJ829	BEJ830	BEJ831	BEJ832	BEJ833	BEJ834	BEJ835	BEJ836	BEJ837	BEJ838	BEJ839	BEJ840	BEJ841	BEJ842	BEJ843	BEJ844	BEJ845	BEJ846	BEJ847	BEJ848	BEJ849	BEJ850	BEJ851	BEJ852	BEJ853	BEJ854	BEJ855	BEJ856	BEJ857	BEJ858	BEJ859	BEJ860	BEJ861	BEJ862	BEJ863	BEJ864	BEJ865	BEJ866	BEJ867	BEJ868	BEJ869	BEJ870	BEJ871	BEJ872	BEJ873	BEJ874	BEJ875	BEJ876	BEJ877	BEJ878	BEJ879	BEJ880	BEJ881	BEJ882	BEJ883	BEJ884	BEJ885	BEJ886	BEJ887	BEJ888	BEJ889	BEJ890	BEJ891	BEJ892	BEJ893	BEJ894	BEJ895	BEJ896	BEJ897	BEJ898	BEJ899	BEJ900	BEJ901	BEJ902	BEJ903	BEJ904	BEJ905	BEJ906	BEJ907	BEJ908	BEJ909	BEJ910	BEJ911	BEJ912	BEJ913	BEJ914	BEJ915	BEJ916	BEJ917	BEJ918	BEJ919	BEJ920	BEJ921	BEJ922	BEJ923	BEJ924	BEJ925	BEJ926	BEJ927	BEJ928	BEJ929	BEJ930	BEJ931	BEJ932	BEJ933	BEJ934	BEJ935	BEJ936	BEJ937	BEJ938	BEJ939	BEJ940	BEJ941	BEJ942	BEJ943	BEJ944	BEJ945	BEJ946	BEJ947	BEJ948	BEJ949	BEJ950	BEJ951	BEJ952	BEJ953	BEJ954	BEJ955	BEJ956	BEJ957	BEJ958	BEJ959	BEJ960	BEJ961	BEJ962	BEJ963	BEJ964	BEJ965	BEJ966	BEJ967	BEJ968	BEJ969	BEJ970	BEJ971	BEJ972	BEJ973	BEJ974	BEJ975	BEJ976	BEJ977	BEJ978	BEJ979	BEJ980	BEJ981	BEJ982	BEJ983	BEJ984	BEJ985	BEJ986	BEJ987	BEJ988	BEJ989	BEJ990	BEJ991	BEJ992	BEJ993	BEJ994	BEJ995	BEJ996	BEJ997	BEJ998	BEJ999	BEJ1000	BEJ1001	BEJ1002	BEJ1003	BEJ1004	BEJ1005	BEJ1006	BEJ1007	BEJ1008	BEJ1009	BEJ1010	BEJ1011	BEJ1012	BEJ1013	BEJ1014	BEJ1015	BEJ1016	BEJ1017	BEJ1018	BEJ1019	BEJ1020	BEJ1021	BEJ1022	BEJ1023	BEJ1024	BEJ1025	BEJ1026	BEJ1027	BEJ1028	BEJ1029	BEJ1030	BEJ1031	BEJ1032	BEJ1033	BEJ1034	BEJ1035	BEJ1036	BEJ1037	BEJ1038	BEJ1039	BEJ1040	BEJ1041	BEJ1042	BEJ1043	BEJ1044	BEJ1045	BEJ1046	BEJ1047	BEJ1048	BEJ1049	BEJ1050	BEJ1051	BEJ1052	BEJ1053	BEJ1054	BEJ1055	BEJ1056	BEJ1057	BEJ1058	BEJ1059	BEJ1060	BEJ1061	BEJ1062	BEJ1063	BEJ1064	BEJ1065	BEJ1066	BEJ1067	BEJ1068	BEJ1069	BEJ1070	BEJ1071	BEJ1072	BEJ1073	BEJ1074	BEJ1075	BEJ1076	BEJ1077	BEJ1078	BEJ1079	BEJ1080	BEJ1081	BEJ1082	BEJ1083	BEJ1084	BEJ1085	BEJ1086	BEJ1087	BEJ1088	BEJ1089	BEJ1090	BEJ1091	BEJ1092	BEJ1093	BEJ1094	BEJ1095	BEJ1096	BEJ1097	BEJ1098	BEJ1099	BEJ1100	BEJ1101	BEJ1102	BEJ1103	BEJ1104	BEJ1105	BEJ1106	BEJ1107	BEJ1108	BEJ1109	BEJ1110	BEJ1111	BEJ1112	BEJ1113	BEJ1114	BEJ1115	BEJ1116	BEJ1117	BEJ1118	BEJ1119	BEJ1120	BEJ1121	BEJ1122	BEJ1123	BEJ1124	BEJ1125	BEJ1126	BEJ1127	BEJ1128	BEJ1129	BEJ1130	BEJ1131	BEJ1132	BEJ1133	BEJ1134	BEJ1135	BEJ1136	BEJ1137	BEJ1138	BEJ1139	BEJ1140	BEJ1141	BEJ1142	BEJ1143	BEJ1144	BEJ1145	BEJ1146	BEJ1147	BEJ1148	BEJ1149	BEJ1150	BEJ1151	BEJ1152	BEJ1153	BEJ1154	BEJ1155	BEJ1156	BEJ1157	BEJ1158	BEJ1159	BEJ1160	BEJ1161	BEJ1162	BEJ1163	BEJ1164	BEJ1165	BEJ1166	BEJ1167	BEJ1168	BEJ1169	BEJ1170	BEJ1171	BEJ1172	BEJ1173	BEJ1174	BEJ1175	BEJ1176	BEJ1177	BEJ1178	BEJ1179	BEJ1180	BEJ1181	BEJ1182	BEJ1183	BEJ1184	BEJ1185	BEJ1186	BEJ1187	BEJ1188	BEJ1189	BEJ1190	BEJ1191	BEJ1192	BEJ1193	BEJ1194	BEJ1195	BEJ1196	BEJ1197	BEJ1198	BEJ1199	BEJ1200	BEJ1201	BEJ1202	BEJ1203	BEJ1204	BEJ1205	BEJ1206	BEJ1207	BEJ1208	BEJ1209	BEJ1210	BEJ1211	BEJ1212	BEJ1213	BEJ1214	BEJ1215	BEJ1216	BEJ1217	BEJ1218	BEJ1219	BEJ1220	BEJ1221	BEJ1222	BEJ1223	BEJ1224	BEJ1225	BEJ1226	BEJ1227	BEJ1228	BEJ1229	BEJ1230	BEJ1231	BEJ1232	BEJ1233	BEJ1234	BEJ1235	BEJ1236	BEJ1237	BEJ1238	BEJ1239	BEJ1240	BEJ1241	BEJ1242	BEJ1243	BEJ1244	BEJ1245	BEJ1246	BEJ1247	BEJ1248	BEJ1249	BEJ1250	BEJ1251	BEJ1252	BEJ1253	BEJ1254	BEJ1255	BEJ1256	BEJ1257	BEJ1258	BEJ1259	BEJ1260	BEJ1261	BEJ1262	BEJ1263	BEJ1264	BEJ1265	BEJ1266	BEJ1267	BEJ1268	BEJ1269	BEJ1270	BEJ1271	BEJ1272	BEJ1273	BEJ1274	BEJ1275	BEJ1276	BEJ1277	BEJ1278	BEJ1279	BEJ1280	BEJ1281	BEJ1282	BEJ1283	BEJ1284	BEJ1285	BEJ1286	BEJ1287	BEJ1288	BEJ1289	BEJ1290	BEJ1291	BEJ1292	BEJ1293	BEJ1294	BEJ1295	BEJ1296	BEJ1297	BEJ1298	BEJ1299	BEJ1300	BEJ1301	BEJ1302	BEJ1303	BEJ1304	BEJ1305	BEJ1306	BEJ1307	BEJ1308	BEJ1309	BEJ1310	BEJ1311	BEJ1312	BEJ1313	BEJ1314	BEJ1315	BEJ1316	BEJ1317	BEJ1318	BEJ1319	BEJ1320	BEJ1321	BEJ1322	BEJ1323	BEJ1324	BEJ1325	BEJ1326	BEJ1327	BEJ1328	BEJ1329	BEJ1330	BEJ1331	BEJ1332	BEJ1333	BEJ1334	BEJ1335	BEJ1336	BEJ1337	BEJ1338	BEJ1339	BEJ1340	BEJ1341	BEJ1342	BEJ1343	BEJ1344	BEJ1345	BEJ1346	BEJ1347	BEJ1348	BEJ1349	BEJ1350	BEJ1351	BEJ1352	BEJ1353	BEJ1354	BEJ1355	BEJ1356	BEJ1357	BEJ1358	BEJ1359	BEJ1360	BEJ1361	BEJ1362	BEJ1363	BEJ1364	BEJ1365	BEJ1366	BEJ1367	BEJ1368	BEJ1369	BEJ1370	BEJ1371	BEJ1372	BEJ1373	BEJ1374	BEJ1375	BEJ1376	BEJ1377	BEJ1378	BEJ1379	BEJ1380	BEJ1381	BEJ1382	BEJ1383	BEJ1384	BEJ1385	BEJ1386	BEJ1387	BEJ1388	BEJ1389	BEJ1390	BEJ1391	BEJ1392	BEJ1393	BEJ1394	BEJ1395	BEJ1396	BEJ1397	BEJ1398	BEJ1399	BEJ1400	BEJ1401	BEJ1402	BEJ1403	BEJ1404	BEJ1405	BEJ1406	BEJ1407	BEJ1408	BEJ1409	BEJ1410	BEJ1411	BEJ1412	BEJ1413	BEJ1414	BEJ1415	BEJ1416	BEJ1417	BEJ1418	BEJ1419	BEJ1420	BEJ1421	BEJ1422	BEJ1423	BEJ1424	BEJ1425	BEJ1426	BEJ1427	BEJ1428	BEJ1429	BEJ1430	BEJ1431	BEJ1432	BEJ1433	BEJ1434	BEJ1435	BEJ1436	BEJ1437	BEJ1438	BEJ1439	BEJ1440	BEJ1441	BEJ1442	BEJ1443	BEJ1444	BEJ1445	BEJ1446	BEJ1447	BEJ1448	BEJ1449	BEJ1450	BEJ1451	BEJ1452	BEJ1453	BEJ1454	BEJ1455	BEJ1456	BEJ1457	BEJ1458	BEJ1459	BEJ1460	BEJ1461	BEJ1462	BEJ1463	BEJ1464	BEJ1465	BEJ1466	BEJ1467	BEJ1468	BEJ1469	BEJ1470	BEJ1471	BEJ1472	BEJ1473	BEJ1474	BEJ1475	BEJ1476	BEJ1477	BEJ1478	BEJ1479	BEJ1480	BEJ1481	BEJ1482	BEJ1483	BEJ1484	BEJ1485	BEJ1486	BEJ1487	BEJ1488	BEJ1489	BEJ1490	BEJ1491	BEJ1492	BEJ1493	BEJ1494	BEJ1495	BEJ1496	BEJ1497	BEJ1498	BEJ1499	BEJ1500	BEJ1501	BEJ1502	BEJ1503	BEJ1504	BEJ1505	BEJ1506	BEJ1507	BEJ1508	BEJ1509	BEJ1510	BEJ1511	BEJ1512	BEJ1513	BEJ1514	BEJ1515	BEJ1516	BEJ1517	BEJ1518	BEJ1519	BEJ1520	BEJ1521	BEJ1522	BEJ1523	BEJ1524	BEJ1525	BEJ1526	BEJ1527	BEJ1528	BEJ1529	BEJ1530	BEJ1531	BEJ1532	BEJ1533	BEJ1534	BEJ1535	BEJ1536	BEJ1537	BEJ1538	BEJ1539	BEJ1540	BEJ1541	BEJ1542	BEJ1543	BEJ1544	BEJ1545	BEJ1546	BEJ1547	BEJ1548	BEJ1549	BEJ1550	BEJ1551	BEJ1552	BEJ1553	BEJ1554	BEJ1555	BEJ1556	BEJ1557	BEJ1558	BEJ1559	BEJ1560	BEJ1561	BEJ1562	BEJ1563	BEJ1564	BEJ1565	BEJ1566	BEJ1567	BEJ1568	BEJ1569	BEJ1570	BEJ1571	BEJ1572	BEJ1573	BEJ1574	BEJ1575	BEJ1576	BEJ1577	BEJ1578	BEJ1579	BEJ1580	BEJ1581	BEJ1582	BEJ1583	BEJ1584	BEJ1585	BEJ1586	BEJ1587	BEJ1588	BEJ1589	BEJ1590	BEJ1591	BEJ1592	BEJ1593	BEJ1594	BEJ1595	BEJ1596	BEJ1597	BEJ1598	BEJ1599	BEJ1600	BEJ1601	BEJ1602	BEJ1603	BEJ1604	BEJ1605	BEJ1606	BEJ1607	BEJ1608	BEJ1609	BEJ1610	BEJ1611	BEJ1612	BEJ1613	BEJ1614	BEJ1615	BEJ1616	BEJ1617	BEJ1618	BEJ1619	BEJ1620	BEJ1621	BEJ1622	BEJ1623	BEJ1624	BEJ1625	BEJ1626	BEJ1627	BEJ1628	BEJ1629	BEJ1630	BEJ1631	BEJ1632	BEJ1633	BEJ1634	BEJ1635	BEJ1636	BEJ1637	BEJ1638	BEJ1639	BEJ1640	BEJ1641	BEJ1642	BEJ1643	BEJ1644	BEJ1645	BEJ1646	BEJ1647	BEJ1648	BEJ1649	BEJ1650	BEJ1651	BEJ1652	BEJ1653	BEJ1654	BEJ1655	BEJ1656	BEJ1657	BEJ1658	BEJ1659	BEJ1660	BEJ1661	BEJ1662	BEJ1663	BEJ1664	BEJ1665	BEJ1666	BEJ1667	BEJ1668	BEJ1669	BEJ1670	BEJ1671	BEJ1672	BEJ1673	BEJ1674	BEJ1675	BEJ1676	BEJ1677	BEJ1678	BEJ1679	BEJ1680	BEJ1681	BEJ1682	BEJ1683	BEJ1684	BEJ1685	BEJ1686	BEJ1687	BEJ1688	BEJ1689	BEJ1690	BEJ1691	BEJ1692	BEJ1693	BEJ1694	BEJ1695	BEJ1696	BEJ1697	BEJ1698	BEJ1699	BEJ1700	BEJ1701	BEJ1702	BEJ1703	BEJ1704	BEJ1705	BEJ1706	BEJ1707	BEJ1708	BEJ1709	BEJ1710	BEJ1711	BEJ1712	BEJ1713	BEJ1714	BEJ1715	BEJ1716	BEJ1717	BEJ1718	BEJ1719	BEJ1720	BEJ1721	BEJ1722	BEJ1723	BEJ1724	BEJ1725	BEJ1726	BEJ1727	BEJ1728	BEJ1729	BEJ1730	BEJ1731	BEJ1732	BEJ1733	BEJ1734	BEJ1735	BEJ1736	BEJ1737	BEJ1738	BEJ1739	BEJ1740	BEJ1741	BEJ1742	BEJ1743	BEJ1744	BEJ1745	BEJ1746	BEJ1747	BEJ1748	BEJ1749	BEJ1750	BEJ1751	BEJ1752	BEJ1753	BEJ1754	BEJ1755	BEJ1756	BEJ1757	BEJ1758	BEJ1759	BEJ1760	BEJ1761	BEJ1762	BEJ1763	BEJ1764	BEJ1765	BEJ1766	BEJ1767	BEJ1768	BEJ1769	BEJ1770	BEJ1771	BEJ1772	BEJ1773	BEJ1774	BEJ1775	BEJ1776	BEJ1777	BEJ1778	BEJ1779	BEJ1780	BEJ1781	BEJ1782	BEJ1783	BEJ1784	BEJ1785	BEJ1786	BEJ1787	BEJ1788	BEJ1789	BEJ1790	BEJ1791	BEJ1792	BEJ1793	BEJ1794	BEJ1795	BEJ1796	BEJ1797	BEJ1798	BEJ1799	BEJ1800	BEJ1801	BEJ1802	BEJ1803	BEJ1804	BEJ1805	BEJ1806	BEJ1807	BEJ1808	BEJ1809	BEJ1810	BEJ1811	BEJ1812	BEJ1813	BEJ1814	BEJ1815	BEJ1816	BEJ1817	BEJ1818	BEJ1819	BEJ1820	BEJ1821	BEJ1822	BEJ1823	BEJ1824	BEJ1825	BEJ1826	BEJ1827	BEJ1828	BEJ1829	BEJ1830	BEJ1831	BEJ1832	BEJ1833	BEJ1834	BEJ1835	BEJ1836	BEJ1837	BEJ1838	BEJ1839	BEJ1840	BEJ1841	BEJ1842	BEJ1843	BEJ1844	BEJ1845	BEJ1846	BEJ1847	BEJ1848	BEJ1849	BEJ1850	BEJ1851	BEJ1852	BEJ1853	BEJ1854	BEJ1855	BEJ1856	BEJ1857	BEJ1858	BEJ1859	BEJ1860	BEJ1861	BEJ1862	BEJ1863	BEJ1864	BEJ1865	BEJ1866	BEJ1867	BEJ1868	BEJ1869	BEJ1870	BEJ1871	BEJ1872	BEJ1873	BEJ1874	BEJ1875	BEJ1876	BEJ1877	BEJ1878	BEJ1879	BEJ1880	BEJ1881	BEJ1882	BEJ1883	BEJ1884	BEJ1885	BEJ1886	BEJ1887	BEJ1888	BEJ1889	BEJ1890	BEJ1891	BEJ1892	BEJ1
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尺寸 Dimension

切刃長 L : 15.5 厚度 S : 4.76

內切圓 IC : 12.7 孔徑 Ød : 5.16

◆材質介紹→參考D頁
Grade Ref. Page-D

◆斷屑槽選擇→參考F-H頁
Chipbreaker Ref. Page-F-H

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

塗層硬質合金 Carbide Coated

金屬陶瓷 Cermet

形狀 Shape	型號 Model No	半徑 R	333	333	100	200	300	407	507	715	706	575	575	100	200	300	407	556	735	706	606
 *IW中切削 Medium	DNMG150404N-IW	0.4	●																		
	DNMG150408N-IW	0.8	●																		
 ◎FO中切削 Medium	DNMG150404-FO	0.4						●				●									
	DNMG150408-FO	0.8						●				●					●				
	DNMG150412-FO	1.2						●					●				●				
 DNMG150404-IO	DNMG150404-IO	0.4														●					
	DNMG150408-IO	0.8				●		●								●					
DNMG150404-OC	DNMG150404-OC	0.4								●											
	DNMG150408-OC	0.8								●											

尺寸 Dimension

切刃長 L : 15.5 厚度 S : 6.35

內切圓 IC : 12.7 孔徑 Ød : 5.16

塗層硬質合金 Carbide Coated

金屬陶瓷 Cermet

形狀 Shape	型號 Model No	半徑 R	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	33
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●標準庫存

* 僅限中國地區銷售

◎僅限台灣地區銷售

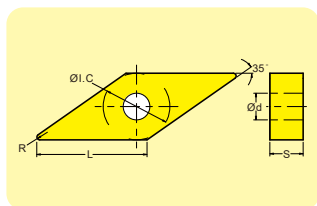
●Standard Stocks

* Sales is China only

◎Sales is Taiwan only

◎僅限台灣地區銷售
◎Sales is Taiwan only

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



尺寸 Dimension

切刃長 L : 16.6 厚度 S : 4.76

內切圓 IC : 9.525 孔徑 Ød : 3.81

◆ 材質介紹→參考D頁
Grade Ref.Page-D

◆ 斷屑槽選擇→參考F-H頁
Chipbreaker Ref.Page-F-H

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

塗層硬質合金 Carbide Coated

金屬陶瓷 Cermet

	P	P	M	K	N	鍍鈦 Titanium Plating	BQJ606F	BQW706	BQJ606	W35	BG656	BEG607	ECK300	ECK200	ECK100	BEJ757	BEJ750	BEF706	BEF4875	ECM200	ECM100	BEF707	BEF607	ECP300	ECP200	ECP100	DF383	DF233	DF133
形狀 Shape	型號 Model No	半徑 R																											
	VNMG161404	0.4																											
	VNMG160404-CFH	0.4																											
	VNMG160408-CFH	0.8																											
	VNMG160404-GO	0.4																											
	VNMG160408-GO	0.8																											
	VNMG160404-IO	0.4																											
	VNMG160408-IO	0.8																											
	VNMG160404N-IW	0.4																											
	VNMG160408N-IW	0.8																											
	VNMG160404-RO	0.4																											
	VNMG160408-RO	0.8																											
	VNMG160404-UH	0.4																											
	VNMG160408-UH	0.8																											

●標準庫存

* 僅限中國地區銷售

◎僅限台灣地區銷售

●Standard Stocks

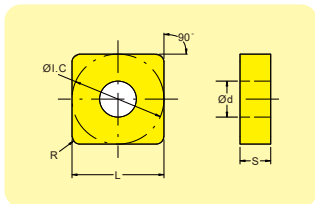
* Sales is China only

◎Sales is Taiwan only

A
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尺寸 Dimension

切刃長 L : 12.7 厚度 S : 4.76

內切圓 IC : 12.7 孔徑 Ød : 5.16

◆ 材質介紹→參考D頁
Grade Ref. Page-D

◆ 斷屑槽選擇→參考F-H頁
Chipbreaker Ref. Page-F-H

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

塗層硬質合金 Carbide Coated

金屬陶瓷 Cermet

	塗層硬質合金 Carbide Coated										金屬陶瓷 Cermet			鍍鈦 Titanium Plating						
	P					M					K			N						
DF133	DF233	DF333	ECF100	ECF200	ECF300	BEF607	ECM100	ECM200	BEJ706	BEJ750	BEJ757	BEJ758	ECJ100	ECJ200	ECJ300	BEJ607	BG656	W35	BQJ606	BQJ606F
SNMA120408														●						
SNMG120412														●			●			
SNMG120408-CFH								●												
SNMG120408-FO									●							●				
SNMG120408-FT										●						●				
SNMG120408-IO																●				
SNMG120412-IO																				
SNMG120408-IO															●					
SNMG120412-IO															●					

● 標準庫存

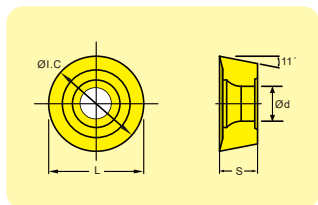
* 僅限中國地區銷售

◎ 僅限台灣地區銷售

● Standard Stocks

* Sales is China only

◎ Sales is Taiwan only



尺寸 Dimension

切刃長 L : 10 厚度 S : 3.97

內切圓 IC : 10 孔徑 Ød : 4.1

◆ 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

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形狀 Shape	型號 Model No	半徑 R	DF133	DF333	DF100	ECF200	ECF300	BEF607	BEF707	ECM100	ECM200	BE4875	BEF706	BEJ750	BEJ757	BEJ758	ECK100	ECK200	ECK300	BEG607	BG656	W35	BQJ606	BQW706	BQJ606F
	RPXT10T3MO	5							●	●															
	RPMT10T3MOE	5							●	●															

尺寸 Dimension

切刃長 L : 12 厚度 S : 4.76

內切圓 IC : 12 孔徑 Ød : 4.36

塗層硬質合金 Carbide Coated

金屬陶瓷 Cermet

形狀 Shape	型號 Model No	半徑 R	333	333	000	000	070	000	000	750	006	575	585	000	000	070	556	355	006	066	666
	RPXT1204MO	6																			
	RPMT1204MOE	6																			

尺寸 Dimension

切刃長 L : 16 厚度 S : 6.35

內切圓 IC : 16 孔徑 Ød : 4.9

塗層硬質合金 Carbide Coated

金屬陶瓷 Cermet

形狀 Shape	型號 Model No	半徑 R	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333
	RPMT1606MOE	8																								

●標準庫存

* 僅限中國地區銷售

◎僅限台灣地區銷售

●Standard Stocks

* Sales is China only

◎Sales is Taiwan only

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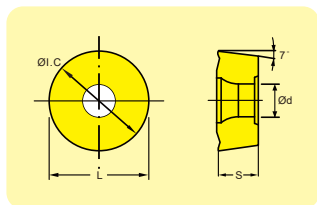
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尺寸 Dimension

切刃長 L : 8 厚度 S : 3.18

內切圓 IC : 8 孔徑 Ød : 3.36

◆ 材質介紹→參考D頁
Grade Ref. Page-D

◆ 斷屑槽選擇→參考F-H頁
Chipbreaker Ref. Page-F-H

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

塗層硬質合金 Carbide Coated

金屬陶瓷 Cermet

P					M					K					N					鍍鈦 Titanium Plating
DF133	DF333	DFP100	DFP300	DFP707	DFM100	DFM200	DFM706	DFM750	DFM757	DFK100	DFK200	DFK300	DFK607	DFK706	DFN100	DFN200	DFN300	DFN606	DFN706	DFN706F

形狀 Shape 型號 Model No 半徑 R



RCMT0803MO

4

尺寸 Dimension

切刃長 L : 10 厚度 S : 3.97

內切圓 IC : 10 孔徑 Ød : 4.4

塗層硬質合金 Carbide Coated

金屬陶瓷 Cermet

P					M					K					N					鍍鈦 Titanium Plating
DF133	DF333	DFP100	DFP300	DFP707	DFM100	DFM200	DFM706	DFM750	DFM757	DFK100	DFK200	DFK300	DFK607	DFK706	DFN100	DFN200	DFN300	DFN606	DFN706	DFN706F

形狀 Shape 型號 Model No 半徑 R



RCMT10T3MO

5

尺寸 Dimension

切刃長 L : 12 厚度 S : 4.76

內切圓 IC : 12 孔徑 Ød : 4.4

塗層硬質合金 Carbide Coated

金屬陶瓷 Cermet

P					M					K					N					鍍鈦 Titanium Plating
DF133	DF333	DFP100	DFP300	DFP707	DFM100	DFM200	DFM706	DFM750	DFM757	DFK100	DFK200	DFK300	DFK607	DFK706	DFN100	DFN200	DFN300	DFN606	DFN706	DFN706F

形狀 Shape 型號 Model No 半徑 R



RCMT1204MO

6

尺寸 Dimension

切刃長 L : 16 厚度 S : 6.35

內切圓 IC : 16 孔徑 Ød : 5.5

塗層硬質合金 Carbide Coated

金屬陶瓷 Cermet

P					M					K					N					鍍鈦 Titanium Plating
DF133	DF333	DFP100	DFP300	DFP707	DFM100	DFM200	DFM706	DFM750	DFM757	DFK100	DFK200	DFK300	DFK607	DFK706	DFN100	DFN200	DFN300	DFN606	DFN706	DFN706F

形狀 Shape 型號 Model No 半徑 R



RCMT1606MO

8

● 標準庫存

* 僅限中國地區銷售

◎ 僅限台灣地區銷售

● Standard Stocks

* Sales is China only

◎ Sales is Taiwan only

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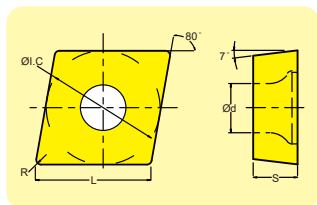
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尺寸 Dimension

切刃長 L : 9.7 厚度 S : 3.97

內切圓 IC : 9.525 孔徑 Ød : 4.4

◆ 材質介紹→參考D頁
Grade Ref. Page-D

◆ 斷屑槽選擇→參考F-H頁
Chipbreaker Ref. Page-F-H

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

塗層硬質合金 Carbide Coated

金屬陶瓷 Cermet

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●標準庫存

* 僅限中國地區銷售

◎僅限台灣地區銷售

●Standard Stocks

* Sales is China only

◎Sales is Taiwan only



內切圓 IC : 12.7 孔徑 Ød : 5.5

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

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◎Sales is Taiwan only

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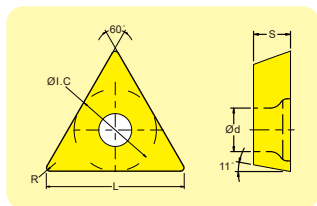
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尺寸 Dimension

切刃長 L : 9.6 厚度 S : 2.38

內切圓 IC : 5.56 孔徑 Ød : 2.8

◆ 材質介紹→參考D頁
Grade Ref. Page-D

◆ 斷屑槽選擇→參考F-H頁
Chipbreaker Ref. Page-F-H

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

塗層硬質合金 Carbide Coated

金屬陶瓷 Cermet

形狀 Shape	型號 Model No	半徑 R	DF133	DF233	DF333	DFP100	DFP200	DFP300	BEF607	ECM100	ECM200	BEF706	BEF750	BEJ750	BEJ757	BEJ758	ECK100	ECK200	ECK300	BEG607	BG656	W35	BQJ606	BQJ606F
GO中切削 Medium	TCMT090204-GO	0.4												●	●									
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尺寸 Dimension

切刃長 L : 9.6 厚度 S : 2.38

內切圓 IC : 5.56 孔徑 Ød : 2.5

塗層硬質合金 Carbide Coated

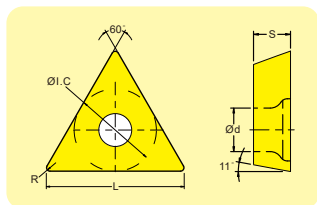
金屬陶瓷 Cermet

形狀 Shape	型號 Model No	半徑 R	DF133	DF233	DF333	DFP100	DFP200	DFP300	BEF607	ECM100	ECM200	BEF706	BEF750	BEJ750	BEJ757	BEJ758	ECK100	ECK200	ECK300	BEG607	BG656	W35	BQJ606	BQJ606F
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● 標準庫存
● Standard Stocks

* 僅限中國地區銷售
* Sales is China only

◎ 僅限台灣地區銷售
◎ Sales is Taiwan only



尺寸 Dimension

切刃長 L : 11 厚度 S : 2.38

內切圓 IC : 6.35 孔徑 Ød : 2.8

◆ 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

塗層硬質合金 Carbide Coated

金屬陶瓷 Cermet

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內切圓 IC : 9.525 孔徑 Ød : 4.4

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

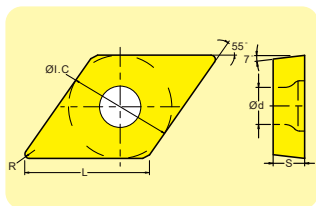
[illegible]

	TCGT16T304-NE	0.4
	TCGT16T308-NE	0.8

Titanium Plating					
P	M	K	N		BQJ606F
	BEJ750	ECK300	BG656	BQW706	
	BEJ706	ECK200	W35	BQJ606	
	BE4875	ECK100			
	ECM200	BEJ758			
	ECM100	BEJ757			
	BEJ707	BEJ750			
	BEF607	BEJ706			
	ECF300	BE4875			
	ECF200	ECM200			
	ECF100	ECM100			
	DF333	BEJ707			
	DF233	BEF607			
	DF133	ECF300			

- 標準庫存 * 僅限中國地區銷售
●Standard Stocks * Sales is China only

- ◎僅限台灣地區銷售
◎Sales is Taiwan only



尺寸 Dimension

切刃長 L : 7.8 厚度 S : 2.38

內切圓 IC : 6.35 孔徑 Ød : 2.8

◆ 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

A
刀片
INSERT

塗層硬質合金 Carbide Coated

金屬陶瓷 Cermet

	P	P	M	K	N	鍍鈦 Titanium Plating
BQJ606F						
BQW706						
BQJ606						
W35						
BG656						
BEG607						
ECK300						
ECK200						
ECK100						
BEJ758						
BEJ757						
BEJ750						
BEF706						
BE4875						
ECM200						
ECM100						
BEF707						
BEF607						
ECP300						
ECP200						
ECP100						
DF333						
DF233						
DF133						

●標準庫存

- Standard Stocks

* 僅限中國地區銷售

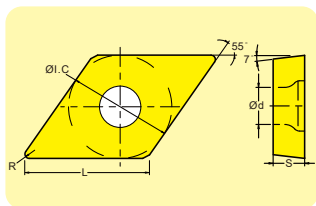
* Sales is China only

◎僅限台灣地區銷售

◎Sales is Taiwan only



A diamond-shaped figure (rhombus) with an interior angle of 55° at the top vertex.



內切圓 IC : 9.525 孔徑 Ød : 4.4

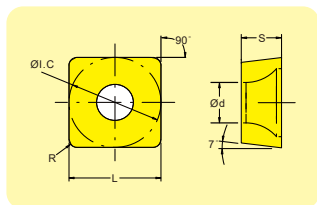
- ◆切削條件→參考I頁
Cutting condition Ref. Page-I

金屬陶瓷 Cermet

[illegible]

- 標準庫存 *僅限中國地區銷售
●Standard Stocks *Sales is China only

- ◎僅限台灣地區銷售
◎Sales is Taiwan only



尺寸 Dimension

切刃長 L : 9.525 厚度 S : 3.97

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

塗層硬質合金 Carbide Coated

金屬陶瓷 Cermet

															鍍鈦 Titanium Plating					
形狀 Shape	型號 Model No	半徑 R	P					M		K			N	W35	BQJ606	BQJ606F				
			DF133	DF333	ECF100	ECF200	ECF300	BEF607	BEF707	ECM100	ECM200	BEF706	BEJ750				BEJ757	BEJ758	ECM100	ECM200
	SCMT09T304-CJH	0.4																		
	SCMT09T308-CJH	0.8																		
JT粗切削 Roughing	SCMT09T304-JT	0.4																		
	SCMT09T308-JT	0.8																		
	SCMT09T304-JO	0.4																		
	SCMT09T308-JO	0.8																		

●標準庫存

●Standard Stocks



A
刀片
INSERT

C
T
W
D

VC

S

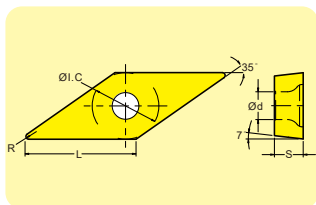
R

ECH

EC

ER/IR

VC 刀片
VC INSERT



尺寸 Dimension

切刃長 L : 11 厚度 S : 3.18

內切圓 IC : 6.35 孔徑 Ød : 2.8

◆ 材質介紹→參考D頁
Grade Ref.Page-D

◆ 斷屑槽選擇→參考F-H頁
Chipbreaker Ref.Page-F-H

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

塗層硬質合金 Carbide Coated

金屬陶瓷 Cermet

			鍍鈦 Titanium Plating										鍍鈦 Titanium Plating							
形狀 Shape	型號 Model No	半徑 R	P					P		M		K			N		W35	BQJ606	BQJ706	BQJ606F
			DF133	DF233	DF333	ECF100	ECF200	ECF300	BEF607	BEF707	ECM100	ECM200	BEJ750	BEJ757	BEJ758	ECK100				
 NE鉻切削	VCGT110302-NE	0.2										●								
	VCGT110304-NE	0.4										●								
	VCGT110304R-EC	0.4																		
	VCGT110302-UH	0.2																	●	●
	VCGT110304-UH	0.4																	●	●
* UW精切削 Finish	VCMT110304N-UW	0.4																		

● 標準庫存

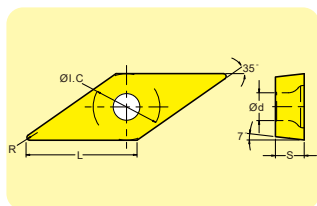
● Standard Stocks

* 僅限中國地區銷售

* Sales is China only

◎ 僅限台灣地區銷售

◎ Sales is Taiwan only



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

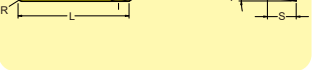
◆材質介紹→參考D頁
Grade Ref. Page-D

◆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

塗層硬質合金 Carbide Coated

金屬陶瓷 Cermet

			鍍層硬質合金 Carbide Coated													鍍鈦 Titanium Plating											
形狀 Shape	型號 Model No	半徑 R	P					P		M		K			N	BQJ606	BQJ706	BQJ606F									
			DF133	DF233	DF333	EGP100	EGP200	EGP300	BEF607	BEF707	ECM100	ECM200	BEF4875	BEF706	BEJ750				BEJ757	BEJ758	ECK100	ECK200	ECK300	BEG607	BG656	W35	
	VCMT160404	0.4																									
◎GO中切削 Medium	VCMT160404-GO	0.4																									
	VCMT160408-GO	0.8																									
	VCGT160402-NE	0.2																									
NE鋸切削	VCGT160404-NE	0.4																									
	VCGT160408-NE	0.8																									
	VCGT160412-NE	1.2																									
	VCGT160404-UH	0.4																									
*UW精切削 Finish	VCMT160404N-UW	0.4																									
	VCMT160408N-UW	0.8																									

●標準庫存

●Standard Stocks

* 僅限中國地區銷售

* Sales is China only

◎僅限台灣地區銷售

◎Sales is Taiwan only



A
刀片
INSERT

CP

T

W

D

V

SP

R

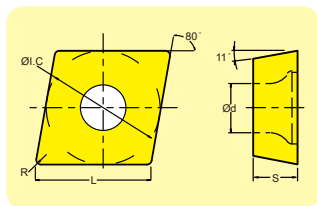
ECH

EC

ER/IR

CP 刀片

CC INSERT



尺寸 Dimension

切刃長 L : 9.7 厚度 S : 3.18

內切圓 IC : 9.525 孔徑 Ød : 4.4

◆ 材質介紹→參考D頁
Grade Ref.Page-D

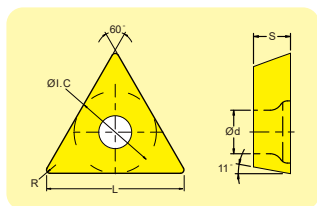
◆ 斷屑槽選擇→參考F-H頁
Chipbreaker Ref.Page-F-H

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

塗層硬質合金 Carbide Coated

金屬陶瓷 Cermet

鍍鈦 Titanium Plating		N		K		M		P		P													
BQJ606F	BQJ706	BQJ606	W35	BG6656	BEG607	ECK300	ECK200	ECK100	BEJ758	BEJ757	BEJ750	BEJ706	BE4875	ECM200	ECM100	BEF707	BEF607	ECF300	ECF200	ECF100	DF333	DF233	DF133
						</																	



尺寸 Dimension

切刃長 L : 9.6 厚度 S : 2.38

內切圓 IC : 5.56 孔徑 Ød : 2.8

◆材質介紹→參考D頁
Grade Ref. Page-D

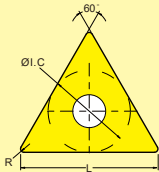
◆斷削槽選擇→參考F-H頁
Chipbreaker Ref. Page-F-H

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

塗層硬質合金 Carbide Coated

金屬陶瓷 Cermet

																					鍍鈦 Titanium Plating																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
形狀 Shape	型號 Model No	半徑 R	P					P					M		K			N	BW706	BW606	BW60F																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
			DF133	DF233	ECP100	ECP200	ECP300	BEF607	BEF707	ECM100	ECM200	BEA875	BEJ750	BEJ757	BEJ758	ECK100	ECK200	ECK300				BEG607	BG656																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
 精切削 Finish	TPGH090202L	0.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				</

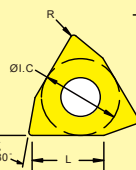
TP INSERT 

內切圓 IC : 3.97 孔徑 Ød : 2.2

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

- ◎僅限台灣地區銷售
◎Sales is Taiwan only

TP INSERT



內切圓 IC : 3.97 孔徑 Ød : 2.2

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

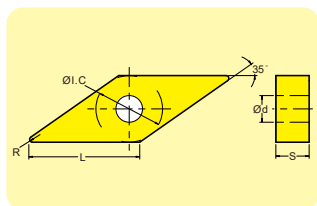
精切削
Finish

WBGT060104L

0.4



- ◎僅限台灣地區銷售
◎Sales is Taiwan only



尺寸 Dimension

切刃長 L : 11 厚度 S : 3.18

內切圓 IC : 6.35 孔徑 Ød : 2.8

◆ 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

塗層硬質合金 Carbide Coated

金屬陶瓷 Cermet

形狀 Shape	型號 Model No	半徑 R	DF133	DF333	DFP100	DFP200	DFP300	BEF607	BEF707	ECM100	ECM200	BEF706	BEJ750	BEJ757	BEJ758	ECK100	ECK200	ECK300	BEG607	BG656	W35	BQJ606	BQJ606F
GO中切削 Medium	VBMT110304-GO	0.4											●										
	VBMT110308-GO	0.8						●					●	●									

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

塗層硬質合金 Carbide Coated

金屬陶瓷 Cermet

形狀 Shape	型號 Model No	半徑 R	DF133	DF333	DFP100	DFP200	DFP300	BEF607	BEF707	ECM100	ECM200	BEF706	BEJ750	BEJ757	BEJ758	ECK100	ECK200	ECK300	BEG607	BG656	W35	BQJ606	BQJ606F
	VBMT160404	0.4			●																		
	VBMT160408	0.4			●																		
GO精切削 Finish	VBMT160404-GO	0.4											●										
	VBMT160408-GO	0.8											●										
◎EC精切削 Finish	VBMT160404-EC	0.4											●										
	VBMT160408-EC	0.8											●										
	VBMT160404-OC	0.4									●												
	VBMT160408-OC	0.8								●													

●標準庫存

* 僅限中國地區銷售

◎僅限台灣地區銷售

●Standard Stocks

* Sales is China only

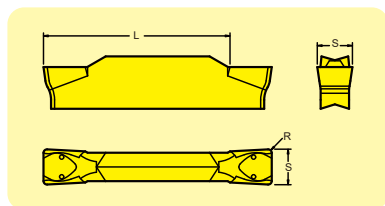
◎Sales is Taiwan only



A
刀片
INSERT



ECH 刀片 ECH 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

塗層硬質合金
Carbide Coated

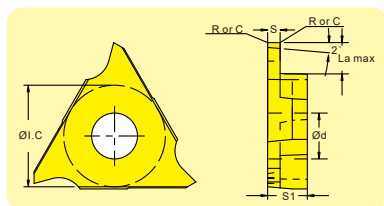
金屬陶瓷 Cermet

P	M	N				
			BQJ606	BQJ100	BEJ750	BEJ757
W35						
BQJ606						
BQW706						
BQJ606F						

形狀 Shape	型號 Model No	S+0.1	R±0.10	最大切深 L Max								
切斷刀片 Grooving insert 	ECH300	3.0	0.3	17		●						
	ECH400	4.0	0.4	22		●						
	ECH500	5.0	0.4	22		●						
雙刃ECH 切斷刀片 Double-edge Grooving insert 	ECH200-OI	2.0	0.2	17			●	●				
	ECH300-OI	3.0	0.3	17	●		●	●				●
	ECH400-OI	4.0	0.4	22	●		●	●				●
	ECH500-OI	5.0	0.4	22	●		●	●				
	ECH600-OI	6.0	0.8	22			●	●				
	ECR300-OI	3.0	0.3	17			●					
	ECR400-OI	4.0	0.4	22			●					
雙刃圓頭 切斷刀片 	ECR500-OI	5.0	0.4	22			●					
	ECR600-OI	6.0	0.8	22			●					

- 標準庫存
- Sandard Stocks

IEC 刀片 EC INSERT



形狀 Shape



- ◆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

塗層硬質合金
Carbide Coated



尺寸 Dimension

型號 Model No	半徑 R	L	I.C	S±0.025	S1	d	
EC16R100-R005	0.05	2.00	9.525	1.00	3.18	4.4	●
EC16R125-R02	0.2	2.00	9.525	1.25	3.18	4.4	●
EC16R145-R02	0.2	2.00	9.525	1.45	3.18	4.4	●
EC16R150-R02	0.2	2.00	9.525	1.50	3.18	4.4	●
EC16R175-R02	0.2	2.00	9.525	1.75	3.18	4.4	●
EC16R185-R02	0.2	2.50	9.525	1.85	3.18	4.4	●
EC16R200-R02	0.2	2.50	9.525	2.00	3.18	4.4	●
EC16R250-R02	0.2	2.50	9.525	2.50	3.18	4.4	●
EC16R300-R02	0.2	3.00	9.525	3.00	3.18	4.4	●
EC22R100-R01	0.1	2.00	12.70	1.00	4.76	5.5	●
EC22R125-R02	0.2	2.00	12.70	1.25	4.76	5.5	●
EC22R145-R02	0.2	2.00	12.70	1.45	4.76	5.5	●
EC22R150-R02	0.2	3.50	12.70	1.50	4.76	5.5	●
EC22R175-R02	0.2	3.50	12.70	1.75	4.76	5.5	●
EC22R185-R02	0.2	3.50	12.70	1.85	4.76	5.5	●
EC22R200-R02	0.2	3.50	12.70	2.00	4.76	5.5	●
EC22R230-R02	0.2	3.50	12.70	2.30	4.76	5.5	●
EC22R250-R03	0.3	4.00	12.70	2.50	4.76	5.5	●
EC22R280-R03	0.3	4.00	12.70	2.80	4.76	5.5	●
EC22R300-R03	0.3	4.00	12.70	3.00	4.76	5.5	●
EC22R350-R03	0.3	5.00	12.70	3.50	4.76	5.5	●
EC22R400-R04	0.4	5.00	12.70	4.00	4.76	5.5	●

- 標準庫存
- Standard Stocks

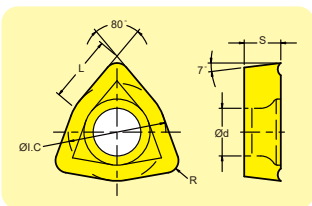
A
刀片
INSERT



A
刀片
INSERT



I WC 刀片 WC 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

塗層硬質合金
Carbide Coated

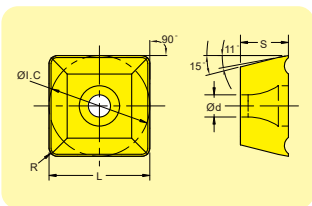
P	M
BEJ750	

尺寸 Dimension

形狀 Shape	型號 Model No	半徑 R	L	I.C	S	d	
	WCMX030208R	0.8	3.8	5.56	2.38	2.8	●
	WCMX040208R	0.8	4.3	6.35	2.38	3.1	●
	WCMX050308R	0.8	5.4	7.94	3.18	3.2	●
	WCMX06T308R	0.8	6.5	9.525	3.97	3.7	●
	WCMX080412R	1.2	8.7	12.7	4.76	4.3	●

- 標準庫存
- Standard Stocks

I SPGT 刀片 SPGT 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

塗層硬質合金 Carbide Coated

P	P	P	P	P	P	K	N	
DF133	DF233	DF333	BEF607	BEJ750	BEP706	BEG607	BEJ757	

金屬陶瓷
Cermet

BQJ606F	BQW706	BQJ606	W35					
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尺寸 Dimension

形狀 Shape	型號 Model No	半徑 R	L	I.C	S	d								
 RO中切削 Medium	SPGT050204-RO	0.4	5	5	2.38	2.2				●				
	SPGT060204-RO	0.4	6	6	2.38	2.6				●				
	SPGT07T308-RO	0.8	7.94	7.94	3.97	2.8				●				
	SPGT090408-RO	0.8	9.8	9.8	4.3	4.2				●				
	SPGT110408	0.8	11.5	11.5	4.76	4.4								
	SPGT140512	1.2	14.3	14.3	5.2	5.75								

- 標準庫存
- Standard Stocks

牙刀片識別系統

Threading Insert Identification System

16

1

1 刀片長度
Insert size

E

2

2 刀片型式
Type of Insert

R - 1.5

2

2 刀片方向
Hand of Insert

3

3 牙 距
Pitch

ISO

4

4 牙刀標準
Thread Standard

1 刀片長度 Insert size

記號 Sign	內接圓 IC
11	6.35
16	9.525
22	12.7
27	15.875

2 刀片型式 Type of Insert、刀片方向 Hand of Insert

外徑 External		內徑 Internal	
記號 Sign	刀片方向 Hand of insert	記號 Sign	刀片方向 Hand of insert
ER	右手刀片 Right Hand Insert	IR	右手刀片 Right Hand Insert
IR	左手刀片 Left Hand Insert	ER	左手刀片 Left Hand Insert

3 牙 距 Pitch

完整資料 Full Profile	
公制 mm	英制 TPI
0.35~6.0	72.4

部份簡介 Partial Profile		
代碼 Code	公制 mm	英制 TPI
A	0.5~1.5	48~16
AG	0.5~3.0	48~8
G	1.75~3.0	14~8
N	3.5~5.0	7~5
Q	5.5~6.0	48~4

4 牙刀標準 Thread Standard

記號 Sign	完整資料 Full Profile	記號 Sign	完整資料 Full Profile
60°	公制螺紋 Partial profile 60°	UN	統一螺紋 American UN
55°	惠式螺紋 Partial profile 55°	W	BSW : 英制粗牙螺紋 Whitworth for BSW, BSP BSP : 英製平行管螺紋
ISO	ISO Metric	NPT	錐型管螺紋 NPT

A
刀片
INSERT

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

牙刀片材料牌號

Threading Carbided Grades

EC400

此材質在細顆粒較韌，耐磨的硬質合金材料上，進行先進的PVD塗層，用於對鋼、不鏽鋼和超級合金的一般加工。
 An advanced PVD TiAlN coated grade over a tough wear-resistant submicron substrate for general purpose machining of steel、stainless steel、super alloys.

EC200

在細顆粒較韌的硬質合金上進行PVD TiAlN塗層，適用於加工鋼、硬化鋼(HRC30-50)和硬化鑄鐵(HRC50-55)。
 PVD TiAlN coated over tough submicron grade for machining steel, hardened steel(HRC30 up to HRC56) and hardened cast iron (HRC50-55).

EC100

非塗層材質，適於加工鑄鐵、非金屬、鋁合金和超級金屬。
 Uncoated grade for machining cast iron, NON-Ferrous materials aluminum and super alloys.

材質 Grdae		P				M				K				N				S				H			
		P10	P20	P30	P40	M10	M20	M30	M40	K10	K20	K30	K40	N10	N20	N30	N40	S10	S20	S30	S40	H10	H20	H30	H40
塗層素鋼 Coated	EC400																								
	BEJ758																								

根據螺旋角的墊片選擇

Selection Base On Helix Angle Anvils

L	刀體類型 Holder Type	螺旋角 Thread Helix Angle							
		4.5	3.5	2.5	1.5	0.5	0	-0.5	-1.5
16	ER / IL	ES16+4.5	ES16+3.5	ES16+2.5	ES16+1.5	ES16+0.5	ES16-0	ES16-0.5	ES16-1.5
	IR / EL	IS16+4.5	IS16+3.5	IS16+2.5	IS16+1.5	IS16+0.5	IS16-0	IS16-0.5	IS16-1.5
22	ER / IL	ES22+4.5	ES22+3.5	ES22+2.5	ES22+1.5	ES22+0.5	ES22-0	ES22-0.5	ES22-1.5
	IR / EL	IS22+4.5	IS22+3.5	IS22+2.5	IS22+1.5	IS22+0.5	IS22-0	IS22-0.5	IS22-1.5
27	ER / IL	ES27+4.5	ES27+3.5	ES27+2.5	ES27+1.5	ES27+0.5	ES27-0	ES27-0.5	ES27-1.5
	IR / EL	IS27+4.5	IS27+3.5	IS27+2.5	IS27+1.5	IS27+0.5	IS27-0	IS27-0.5	IS27-1.5

牙刀切削參數

Machine Conditions

ISO	材料 Material	HB 硬度 Hardness	塗層 Coated	非塗層 Uncoated
			EC400	BEJ758
			線速度 Cutting spee D M/Min	
P	低碳鋼，易切鋼 Non-alloy steel free cutting steel	130	80-120	80-120
	低碳合金鋼 Low carbon alloy steel	200	80-120	80-120
	高碳合金鋼 High carbon alloy steel	240	60-90	60-90
	熱處理鋼 Heattreatedsteel	400	60-90	60-90
M	不鏽鋼(303,304,316) 300 stainless steel	200	70-100	70-100
	不鏽鋼(420,440) 400 stainless steel	240	50-80	50-80
	17-4 PH, 15PH, 18-8MO PH	400	40-60	40-60
K	工具鋼，鑄鋼 Tool steelcast steel	270	80-120	80-120
	鑄鋼 SC490	270	80-120	80-120
	鑄鐵 FC300	270	80-120	80-120
	鑄鐵 FC400	270	80-120	80-120
N	鋁 Wrought aluminum(2024,6061,7075..)	80	150-200	150-200
	鑄鋁 Cast aluminum	90	120-160	120-160
	銅合金 Copper alloys:brass, bronze, copper silicon	100	100-150	100-150
	非金屬 Non metallic. Rubber, polypropylene, thermoplastics(PVC) fiberglass, polyamides		200-300	200-300
S	鈦合金 Alpha-beta alloys: Ti6Al4V / $\alpha - \beta$	350	30-60	30-60
	鎳基合金 Inconel, hastelloy, waspalloy, kovar	300	30-60	30-60
	高溫合金 High temperature alloys:iron based:incoloy	270	30-60	30-60
H	超硬鋼 Hardened steel	HRC56	20-45	20-45
	超硬鑄鐵 Hard ened cast iron	HRC50	20-45	20-45

A
刀片
INSERT

B
鏜鋼端銑刀
CARBIDE END MILL

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外徑車刀架
TOOL HOLDER

D
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TOOL HOLDER WITH COOLANT

E
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AUTOMATIC LATHES

F
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HAND TOOLS

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BORING BAR

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GROOVING

I
銑刀
END MILL CUTTER

J
快速鑽頭
RAPID DRILL

K
機床配件
MACHINE ACCESSORIES

牙刀進向方式的切削建議

Recommend Of Infeed Modes On Threading Break Shapes

A
 刀片
 INSERT

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
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 GROOVING

I

 銑刀
 END MILL CUTTER

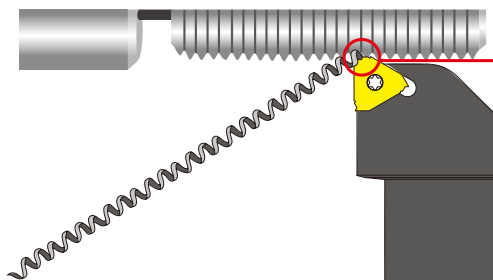
J

 快速鑽頭
 RAPID DRILL

K

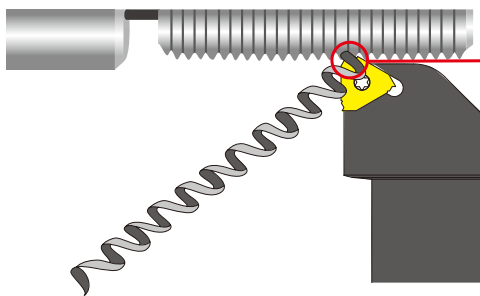
 機床配件
 MACHINE ACCESSORIES

I 側向進給加工 Lateral Feeding Processing



卷屑直徑小，排屑處理優良。
Small curl diameter, ideal chip remove.

I 徑向進給加工 Radial Feeding Processing



卷屑直徑大，排屑處理不良。
Large curl diameter, not ideal chip remove.

I 切削條件說明 Cutting Conditions

被切削材質 Material		切削速度 V_c (m/min)	被切削材質 Material		切削速度 V_c (m/min)
P	鋼 Steel	70~120	K	鑄鐵 Cast	80~140
	合金鋼 Steel	60~110		球墨鑄鐵 Nodular cast iron	60~110
M	不鏽鋼 Stainless steel	50~90	S	鈦合金 Titanium alloy	20~70

外徑公制螺紋加工進給切深參數

O.D Metric Threads

每次加工切深 : mm
Cutting depth/time(mm)

螺距 Pitch (mm)	總切深 Depth (mm)	加工進給次數 Processing number of times															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
0.75	0.48	0.24	0.12	0.07	0.05												
1.00	0.64	0.25	0.15	0.11	0.08	0.05											
1.25	0.80	0.25	0.15	0.12	0.09	0.08	0.06	0.05									
1.50	0.92	0.28	0.15	0.12	0.10	0.09	0.07	0.06	0.05								
1.75	1.10	0.28	0.15	0.12	0.10	0.10	0.09	0.08	0.07	0.06	0.05						
2.00	1.26	0.30	0.16	0.13	0.10	0.09	0.09	0.08	0.07	0.07	0.06	0.06	0.05				
2.50	1.57	0.38	0.19	0.15	0.10	0.10	0.09	0.09	0.08	0.08	0.07	0.07	0.06	0.06	0.05		
3.00	1.87	0.40	0.22	0.15	0.13	0.12	0.10	0.10	0.09	0.09	0.08	0.08	0.07	0.07	0.06	0.06	0.05

A
刀片
INSERT

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快速鑽頭
RAPID DRILL

K
機床配件
MACHINE ACCESSORIES

內徑英制螺紋加工進給切深參數

I.D Inch Diameter Threads

每次加工切深 : mm
Cutting depth/time(mm)

螺距 Pitch (mm)	總切深 Depth (mm)	加工進給次數 Processing number of times															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
8	2.00	0.40	0.25	0.19	0.16	0.14	0.12	0.11	0.10	0.09	0.08	0.07	0.07	0.06	0.06	0.05	0.05
9	1.78	0.38	0.20	0.13	0.12	0.11	0.10	0.10	0.09	0.09	0.08	0.08	0.07	0.07	0.06	0.05	0.05
10	1.60	0.38	0.20	0.15	0.12	0.10	0.09	0.09	0.08	0.08	0.07	0.07	0.06	0.06	0.05		
11	1.46	0.30	0.18	0.13	0.12	0.11	0.10	0.08	0.08	0.07	0.07	0.06	0.06	0.05	0.05		
12	1.34	0.30	0.18	0.13	0.12	0.11	0.10	0.09	0.08	0.07	0.06	0.05	0.05				
13	1.23	0.30	0.18	0.13	0.10	0.08	0.08	0.07	0.07	0.06	0.06	0.05	0.05				
14	1.15	0.28	0.15	0.12	0.10	0.10	0.09	0.08	0.07	0.06	0.05	0.05					
16	1.00	0.28	0.15	0.10	0.09	0.08	0.07	0.07	0.06	0.05	0.05						
18	0.89	0.26	0.15	0.12	0.10	0.08	0.07	0.06	0.05								
20	0.80	0.26	0.15	0.10	0.09	0.08	0.07	0.05									
24	0.67	0.25	0.19	0.12	0.06	0.05											
28	0.57	0.25	0.17	0.10	0.05												
32	0.50	0.24	0.14	0.07	0.05												

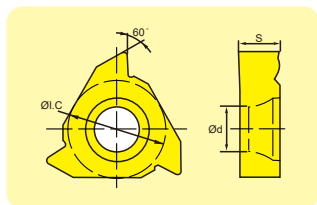
A
刀片
INSERT



ER/IR



ER / IR 刀片 ER/IR INSERT



形狀 Shape



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

塗層硬質合金
Carbide Coated



塗層硬質合金
Carbide Coated

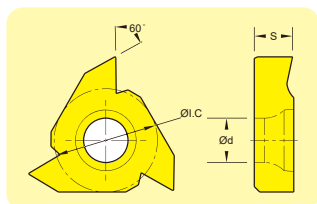


型號 Model No	尺寸 Dimension(mm)					
	牙距 Pitch	I.C	Ød		P	M
06IR-0.5-ISO	0.5	4.0	2.32	●		
06IR-0.75-ISO	0.75	4.0	2.32	●		
06IR-1.0-ISO	1.0	4.0	2.32	●		
06IR-27-NPT	27	4.0	2.32	●		
06IR-19W	19	4.0	2.32	●		
06IR-28W	28	4.0	2.32	●		
06IR-A55	0.5-1.5	4.0	2.32	●		
06IR-A60	0.5-1.5	4.0	2.32	●		
08IR-0.5-ISO	0.5	5.0	2.57	●		
08IR-1.0-ISO	1.0	5.0	2.57	●		
08IR-0.75-ISO	0.75	5.0	2.57	●		
08IR-A60	0.5-1.5	5.0	2.57	●		
11ER/IR-0.5-ISO	0.5	6.35	2.8	●		
11IR-0.75-ISO	0.75	6.35	2.8	●	●	
11ER/IR-1.0-ISO	1.0	6.35	2.8	●	●	
11ER/IR-1.25-ISO	1.25	6.35	2.8	●	●	
11ER/IR-1.5-ISO	1.5	6.35	2.8	●	●	
11IR-1.75-ISO	1.75	6.35	2.8	●	●	
11IR-2.0-ISO	2.0	6.35	2.8	●		
11IR-14-BSPT	14	6.35	2.8	●		
11IR-14-NPT	14	6.35	2.8	●		
11IR-14-UN	14	6.35	2.8	●		

型號 Model No	尺寸 Dimension(mm)					
	牙距 Pitch	I.C	Ød		P	M
11IR-16-UN	16	6.35	2.8	●	●	
11ER/IR-18-UN	18	6.35	2.8	●		
11ER/IR-14W	14	6.35	2.8	●		
11ER/IR-19W	19	6.35	2.8	●		
11ER-28W	28	6.35	2.8	●		
11ER/IR-A55	0.5-1.5	6.35	2.8	●		
11ER/IR-A60	0.5-1.5	6.35	2.8	●	●	
16ER/IR-0.35-ISO	0.35	9.525	4.4	●		
16ER/IR-0.4-ISO	0.4	9.525	4.4	●		
16IR-0.45-ISO	0.45	9.525	4.4	●		
16ER/IR-0.5-ISO	0.5	9.525	4.4	●		
16ER-0.6-ISO	0.6	9.525	4.4	●		
16ER/IR-0.7-ISO	0.7	9.525	4.4	●		
16ER/IR-0.75-ISO	0.75	9.525	4.4	●		
16ER/IR-0.8-ISO	0.8	9.525	4.4	●		
16ER/IR-1.0-ISO	1.0	9.525	4.4	●	●	
16ER/IR-1.25-ISO	1.25	9.525	4.4	●	●	
16ER/IR-1.5-ISO	1.5	9.525	4.4	●	●	
16ER/IR-1.75-ISO	1.75	9.525	4.4	●	●	
16ER/IR-2.0-ISO	2.0	9.525	4.4	●	●	
16ER/IR-2.5-ISO	2.5	9.525	4.4	●	●	
16ER/IR-3.0-ISO	3.0	9.525	4.4	●	●	

※ 請接下頁。 ※ Continued on next page.

16ER / IR 刀片 ER/IR INSERT



形狀 Shape



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

A
刀片
INSERT



塗層硬質合金
Carbide Coated



尺寸 Dimension(mm)

型號 Model No	牙距 Pitch	I.C	Ød	P	M
16IR-8-ACME	8	9.525	4.4	●	
16ER-12-ACME	12	9.525	4.4	●	
16ER/IR-11-BSPT	11	9.525	4.4	●	●
16ER/IR-14-BSPT	14	9.525	4.4	●	●
16ER/IR-19-BSPT	19	9.525	4.4	●	●
16ER-28-BSPT	28	9.525	4.4	●	●
16IR-8-NPT	8	9.525	4.4		●
16ER/IR-11.5-NPT	11.5	9.525	4.4	●	●
16ER/IR-14-NPT	14	9.525	4.4	●	●
16ER/IR-14-NPT-(0.2R)	14	9.525	4.4	●	
16ER/IR-18-NPT	18	9.525	4.4	●	●
16ER/IR-8-UN	8	9.525	4.4	●	●
16ER-10-UN	10	9.525	4.4	●	●
16IR-11-UN	11	9.525	4.4	●	
16ER/IR-14-UN	14	9.525	4.4		●
16ER/IR-16-UN	16	9.525	4.4		●
16ER/IR-18-UN	18	9.525	4.4	●	●
16ER/IR-20-UN	20	9.525	4.4	●	●
16ER/IR-24-UN	24	9.525	4.4	●	●
16ER-28-UN	28	9.525	4.4	●	
16ER/IR-12-UN	12	9.525	4.4	●	●
16ER/IR-14-UN	14	9.525	4.4	●	

塗層硬質合金
Carbide Coated



尺寸 Dimension(mm)

型號 Model No	牙距 Pitch	I.C	Ød	P	M
16ER/IR-16-UN	16	9.525	4.4	●	
16ER/IR-8W	8	9.525	4.4		●
16ER-10W	10	9.525	4.4		●
16ER/IR-11W	11	9.525	4.4	●	●
16ER/IR-12W	12	9.525	4.4		●
16ER/IR-14W	14	9.525	4.4	●	●
16ER/IR-16W	16	9.525	4.4	●	●
16ER/IR-18W	18	9.525	4.4	●	
16ER/IR-19W	19	9.525	4.4	●	●
16ER/IR-A60	0.5-1.5	9.525	4.4	●	●
16ER/IR-A55	0.5-1.5	9.525	4.4	●	●
16ER/IR-AG55	0.5-3.0	9.525	4.4	●	●
16ER/IR-AG60	0.5-3.0	9.525	4.4	●	●
16ER/IR-G55	1.75-3.0	9.525	4.4	●	●
16ER/IR-G60	1.75-3.0	9.525	4.4	●	●
22ER-3.5-ISO	3.5	12.7	5.5	●	
22ER/IR-4.0-TR	4.0	12.7	5.5	●	
22ER-4.5-ISO	4.5	12.7	5.5	●	
22IR-5.0-ISO	5.0	12.7	5.5	●	
22IR-7-UN	7	12.7	5.5	●	
22ER/IR-N55	3.5-5.0	12.7	5.5	●	
22ER/IR-N60	3.5-5.0	12.7	5.5	●	

●另有其他規格，歡迎來電洽詢！

●We could provide inserts for other specifications, please contact us!

Insert For Threading 牙刀刀片



AU



A series of horizontal dotted lines for writing notes, spanning the width of the page.

Notes Page