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2024

MILLING INSERTS

CHINA CUTTING TOOLS PIONEER



株洲大有新材料有限公司

ZHUZHOU OTOMO ADVANCED MATERIAL CO., LTD

ABOUT OTOMO

Located in Zhuzhou China, where a city famous for its tungsten carbide industry, we, Zhuzhou OTOMO Advanced Material Co., Ltd, a Manufacturers Representative Company which has devoted 10 years to overseas market and has a full line supply chain of CNC cutting tools. Our company has a young but dedicated and professional staff group. Our main managements were worked for famous cutting tools factories as technical engineers. The company's tools are mainly applied in the automobile manufacturing industry, mold manufacturing industry, defense industry, steel manufacturing industry, and other special fields. As a developing enterprise, ZHUZHOU OTOMO has always adhered to a high starting point with high standards, and we make every piece of our products in high performance and take every requirements of our customers' seriously. Meanwhile, we can tailored kinds of customized carbide tools according to clients' requirements. Now OTOMO products exported to more than 80 countries and regions of the world.

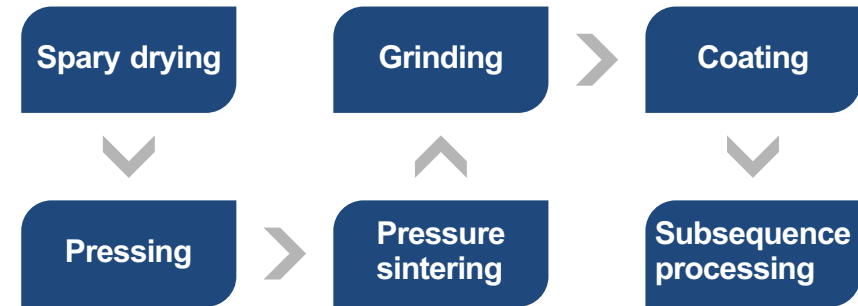
This is where working with a trusted cutting tool & metals supplier who can help to ensure that your requests are covered. By gathering insight from the right individuals and department representatives, accurately calculating the costs and choosing the right cutting tools & accessories & metals, we can ensure that your investment and its outcome will be well worth it.

EQUIPMENT

The company has a full set of high-level producing equipments ranging from raw power material preparation, mould manufacture, pressing, pressure sintering, grinding to post processing. We use spray drying tower in mixing process. Its advanced technique ascertains the best performance behavior of material in physical property and formability.

Using powder compacting press with Electro-Servo Motor Direct Drive, the most advanced machine for press shaping in the world, which meet the high requirements on precision, performance and stability. For sintering, we equipped the most advanced devices to meet the quality requirements on chemical and physical performance.

For grinding and machining, we equipped Fully auto CNC periphery insert grinder, CNC two-wheel flat lapping machine etc. to ensure product shape and precision demand. We also use the most advanced PVD/CVD coating machines. The state-of-the-art subsequence process devices equipped for better performance.



铣削刀片命名规则

Milling Insert Naming Rule

形状代号 Shape

A P M T II 35 PD E R - GM

A	B	C
D	E	H
K	L	M
O	P	R
S	T	T
V	W	Z
		其它

断屑槽及夹固形式代号 Chip Breaker and Hole

A P M T II 35 PD E R - GM

代号 Symbol	有无孔 Center Hole	有无断屑槽 Chip Breaker	刀片剖面 Insert Profile	代号 Symbol	有无孔 Center Hole	有无断屑槽 Chip Breaker	刀片剖面 Insert Profile
B	有(Y)	无(N)		N	无(N)	无(N)	
H	有(Y)	单面(S)		R	无(N)	单面(S)	
C	有(Y)	无(N)		F	无(N)	双面(D)	
J	有(Y)	双面(D)		A	有(Y)	无(N)	
W	有(Y)	无(N)		M	有(Y)	单面(S)	
T	有(Y)	单面(S)		G	有(Y)	双面(D)	
Q	有(Y)	无(N)		X			
U	有(Y)	双面(D)					

铣削刀片命名规则

Milling Insert Naming Rule

切削刃长度代号 Cutting Edge Length

A P M T II 35 PD E R - GM

内切圆直径 Inscribed Circle diameter(mm)	刀片外形 Insert Shape							
	C	D	R	S	T	V	W	K
3.97					06			
5			05					
5.56					09			
6			06					
6.35	06	07			11	11		
8			08					
9.525	09	11	09	09	16	16	06	16
10			10					
12			12					
12.7	12	15	12	12	22	22	08	
15.875	16		15	15	27			
16			16	16				
19.05	19		19	19	33			
20			20					
25	25	25	25					
25.4			25	25				
31.75			31					
32			32					

刀片厚度代号 Thickness

A P M T II 35 PD E R - GM

代号 Symbol	刀片厚度 Thickness(mm)
00	0.79
T0	0.99
01	1.59
T1	1.98
02	2.38
T2	2.58
03	3.18
T3	3.97
04	4.76
T4	4.96
05	5.56
T5	5.95
06	6.35
T6	6.75
07	7.94
09	9.52
T9	9.72
11	11.11
12	12.7



后角代号 Clearance Angle

A P M T II 35 PD E R - GM

A	B
C	D
E	F
G	N
P	O
	其它后角 Others

精度代号 Tolerance

A P M T II 35 PD E R - GM

代号 Symbol	刀尖高度m 公差 (mm) m(mm)	内接圆φL.C 公差 (mm) φL.C. (mm)	厚度S 公差 (mm) s (mm)	(参考) M级精度详细情况 (按形状、大小分) ●刀尖高度公差(mm) (reference) M grade tolerance detail (according to shape, size.) Tolerance of insert nose height						
				内接圆 Inscribed Circle	正三角形 Regular Triangle	正方形 Square	80° 菱形 Rhombus	55° 菱形 Rhombus	35° 菱形 Rhombus	圆形 Round
				6.35	±0.08	±0.08	±0.08	±0.11	±0.16	...
				9.525	±0.08	±0.08	±0.08	±0.11	±0.16	...
				12.7	±0.13	±0.13	±0.13	±0.15	...	...
A	±0.005	±0.025	±0.025	15.875	±0.15	±0.15	±0.15	±0.18	...	...
F	±0.005	±0.013	±0.025	19.05	±0.15	±0.15	±0.15	±0.18	...	...
C	±0.013	±0.025	±0.025	25.4	...	±0.18	...	...	...	...
H	±0.013	±0.013	±0.013	●内接圆φL.C公差 (mm) ●Tolerance of Inscribed Circle						
E	±0.025	±0.025	±0.025	内接圆 Inscribed Circle	正三角形 Regular Triangle	正方形 Square	80° 菱形 Rhombus	55° 菱形 Rhombus	35° 菱形 Rhombus	圆形 Round
G	±0.025	±0.025	±0.13	6.35	±0.05	±0.05	±0.05	±0.05	±0.05	±0.05
J	±0.005	±0.05±0.13	±0.025	6.35	±0.05	±0.05	±0.05	±0.05	±0.05	±0.05
K	±0.013	±0.05±0.13	±0.025	9.525	±0.05	±0.05	±0.05	±0.05	±0.05	±0.05
L	±0.025	±0.05±0.13	±0.025	12.7	±0.08	±0.08	±0.08	±0.08	...	±0.08
M	±0.08±0.18	±0.05±0.13	±0.13	15.875	±0.1	±0.1	±0.10	±0.10	...	±0.1
N	±0.08±0.18	±0.05±0.13	±0.025	19.05	±0.1	±0.1	±0.10	±0.10	...	±0.1
U	±0.13±0.38	±0.08±0.25	±0.13	25.4	...	...	±0.13	...	...	±0.13

修光刃代号 Wiper Land and Clearance Angle

A P M T II 35 PD E R - GM

A	45°	A	3°
D	60°	B	5°
E	75°	C	7°
F	85°	D	15°
P	90°	E	20°
Z	其它	F	25°
		G	30°
		N	0°
		P	11°
		Z	其它

切削刃倒棱代号 Cutting Edge Preparation (mm)

A P M T II 35 PD E R - GM

F	E	T	S	K	P	W	不标
	0 5° 0 0.1						
	1 10° 1 0.15						
		2 15° 2 0.2					
		3 20° 3 0.25					
		4 25° 4 0.3					
		5 30° 5 0.35					
		6 0.4					
		7 0.45					

切削方向代号 Cutting Direction

A P M T II 35 PD E R - GM

R	右 Right
L	左 Left
N	双向 Neutral

断屑槽型代号 Chip Breaker Code

A P M T II 35 PD E R - GM

GM	BH2	BM2	XR
M	R	CN	MT

铣削刀片牌号一览表

Milling Insert Grades List

工件材料 Workpiece materials	ISO	CVD	PVD	硬质合金 Cemented carbide	超硬材料 Superhard materials
P 钢 Steel	01				
	10		OTO5120-4 OTO5120 OTO5108 OTO5352C OTO5102 OTO6801 OTO5208H		
	20				
	30				
	40				
M 不锈钢 Stainless Steel	01				
	10		OTO5132 OTO5102D		
	20				
	30				
	40		OTO5130		
K 铸铁 Cast Iron	01				
	10		OTO5131		
	20				
S 耐热合金 钛合金 Hi-temp Alloy	01				
	10		OTO5108 OTO5201S		
	20				
N 有色金属 Non-ferrous Metals	01				
	10				
	20				
H 高硬度材料 High Hardness Materials	01				
	10		OTO5501		
	20				
	30				

铣削刀片牌号介绍

Milling Insert Grade Introduction

牌号名称 Model name	牌号特点 Model Features
OTO5120	黑紫色，通用性最好，适合加工P/M/K/S类材质，HRC45°以下。 Black purple color, best versatility, suitable for machining P/M/K/S type materials, HRC45°degrees.
OTO5120-4	黑紫色，适合加工P/M/K/S类材质，HRC50°以下，偏精加工。 Black purple color, suitable for machining P/M/K/S materials, HRC50°degrees, partial finishing.
OTO5108	古铜色，适合加工钢、不锈钢、钛合金等材质，HRC50°以下，锰钢、弹簧钢等材质的加工表现突出。 Bronze color, suitable for processing steel, stainless steel, titanium alloy and other materials, HRC50°degrees, manganese steel, spring steel and other materials processing performance is outstanding.
OTO5102	古铜色，适合加工钢、不锈钢、钛合金等材质，HRC52°以下，偏精加工。 Bronze color, suitable for machining steel, stainless steel, titanium alloy, etc., HRC52°and less, partial finishing.
OTO5130	耐磨性超高的通用型涂层，加工硬度HRC55度以下，调质淬火钢、不锈钢、球墨铸铁、低碳钢。 Wear-resistant general-purpose coating, processing hardness up to HRC55°degrees, tempered hardened steel, stainless steel, ductile iron, mild steel.
OTO5102D	耐磨性超高的通用型涂层，加工硬度HRC58度以下，调质淬火钢、不锈钢、球墨铸铁、低碳钢。 Wear-resistant general-purpose coating, processing hardness up to HRC58 degrees, tempered hardened steel, stainless steel, ductile iron, mild steel.
OTO5352C	七彩色，适合加工钢、不锈钢、铸铁等材质，HRC42°以下，45#钢、A3等软钢加工表现突出。 Seven colors, suitable for processing steel, stainless steel, cast iron and other materials, HRC42 °degrees, 45 # steel, A3 and other soft steel processing outstanding performance.
OTO5302C	七彩，适合加工钢、不锈钢、铸铁等材质，偏精加工。 Seven colors, suitable for processing steel, stainless steel, cast iron and other materials, partial finishing.
OTO5801	黑灰色，通用加工，适合加工钢、不锈钢、铸铁等材质，HRC45°以下。 Black and gray, universal machining, suitable for machining steel, stainless steel, cast iron, etc., up to HRC45°.

铣削刀片牌号介绍

Milling Insert Grade Introduction

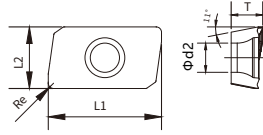
牌号名称 Model name	牌号特点 Model Features
OT05208H	黄色, 适合钢件、铸铁加工。 Yellow color, suitable for steel and cast iron processing.
OT05132	古铜色, 适合加工钢、不锈钢等钻削加工。 Bronze color, suitable for processing steel, stainless steel and other drilling processing.
OT05131	黑紫色, 钻销类专用材质, 通用性广, 干湿加工均可, 钻销首选材质, 尤其在曲轴油孔等深孔加工上表现突出。 Black purple, special material for drilling pins, wide versatility, both dry and wet processing is acceptable, preferred material for drilling pins, especially in deep hole machining such as crankshaft oil holes.
OT05105	古铜色, 铸铁加工首选牌号, 也可加工钛合金。 Bronze color, preferred grade for cast iron processing, can also process titanium alloys.
OT05201S	白金色, 最新M类、S类、N类材料的高性能加工材质, 针对M/S类切削性能极好, 偏精加工。 Platinum color, the latest high-performance machining material for M, S and N materials, excellent cutting performance for M/S, partial finish machining.
OT06501	黑彩色, 淬硬钢、模具钢、高合金钢的高硬加工与通用加工首选, 加工硬度HRC65°以下, 也可加工不锈钢和高温合金。 Black color, preferred for high hardness machining and general machining of quenched and hardened steel, mold steel, and high alloy steel. The machining hardness is below HRC65°, and stainless steel and high-temperature alloys can also be machined.
OT05208S	白金色, 最新M类、S类、N类材料的高性能加工材质, 涂层致密性极高, 表面光滑。针对M/S类切削性能极好。 Platinum color, high performance machining material for the latest M, S and N materials, with extremely dense coating and smooth surface. Excellent cutting performance for M/S materials.



方肩铣削刀片

Square Shoulder Milling insert

AP □ □



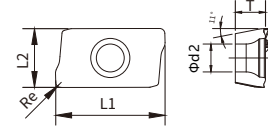
方肩铣削刀片													
产品 Inserts Shape	型号 Type	尺寸 Dimension (mm)					牌号 Grade						
		L1	L2	T	φd2	Re	OTO5352C	OTO5302C	OTO5120-4	OTO5102	OTO5108	OTO5120	OTO5131
	APMT1135PDER-GM	11.25	6.20	3.50	2.80	0.8	•	•	•	•	•	▲	•
	APMT160404-GM	17.06	9.28	4.76	4.4	0.4	•	•	•	•	•	•	•
	APMT1604PDER-GM	17.06	9.28	4.76	4.4	0.8	•	•	•	•	•	▲	•
	APMT1135PDER-BH2	11.25	6.20	3.50	2.80	0.8	▲	•	•	•	▲	•	▲
	APMT1604PDER-BH2	17.25	9.25	4.76	4.40	0.8	▲	•	•	•	▲	•	▲
	APMT1135PDER-BM2	11.25	6.20	3.50	2.80	0.8	▲	•	•	•	▲	•	•
	APMT1604PDER-BM2	17.25	9.25	4.76	4.40	0.8	▲	•	•	•	▲	•	•
	APMT1135PDER-KZ	11.10	6.20	3.50	2.80	0.8	▲	▲	•	•	▲	•	•
	APMT1604PDER-KZ	17.30	9.33	4.76	4.50	0.8	▲	▲	•	•	▲	•	•
	APMT1135PDER-ZZ	11.25	6.20	3.50	2.80	0.8	▲	•	•	•	▲	•	•
	APMT160408PDER-ZZ	17.25	9.25	4.76	4.40	0.8	▲	•	•	•	▲	•	•

▲为主推荐牌号 Mainly recommended brand (In stock) ●按订单生产可选牌号 Make to order

方肩铣削刀片

Square Shoulder Milling insert

AP □ □



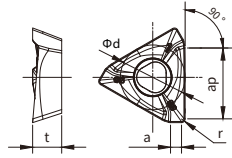
方肩铣削刀片													
产品 Inserts Shape	型号 Type	尺寸 Dimension (mm)					牌号 Grade						
		L1	L2	T	φd2	Re	OTO5352C	OTO5302C	OTO5120-4	OTO5102	OTO5108	OTO5120	OTO5131
	APMT1135PDER-MO2	11.3	6.2	3.45	2.8	0.8	▲	•	•	▲	▲	•	•
	APMT1604PDER-MO2	17.3	9.3	5.25	4.4	0.8	▲	•	•	▲	▲	•	•
	APMT1135PDER-54	11.3	6.2	3.45	2.8	0.8	▲	•	•	•	▲	•	•
	APMT1604PDER-54	17.3	9.3	5.25	4.4	0.8	▲	•	•	•	▲	•	•
	APMT1135PDER-G23	11.1	6.20	3.50	2.80	0.8	▲	•	•	•	▲	•	•
	APMT1604PDER-G23	17.3	9.33	4.76	4.50	0.8	▲	•	•	•	▲	•	•
	APMT1135PDER-BO	11.3	6.2	3.45	2.8	0.8	▲	•	•	▲	▲	•	•
	APMT1604PDER-BO	17.3	9.3	5.25	4.4	0.8	▲	•	•	▲	▲	•	•
	APMT1135PDER-R1.6	11.34	6.2	3.45	2.8	1.6	•	•	•	•	•	•	•
	APMT1135RHF	11.3	6.15	3.74	2.8	4.8	•	•	•	•	•	•	•
	APMT1604PDER-R2	17.14	9.46	4.95	4.4	2	•	•	▲	•	•	•	•
	APMT1604PDER-HR30	16.95	9.33	4.76	4.4	3	•	•	▲	•	•	•	•

▲为主推荐牌号 Mainly recommended brand (In stock) ●按订单生产可选牌号 Make to order

可转位铣削刀片

Indexable Milling Blade

3PKT



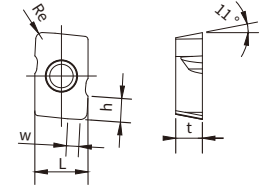
单面三刃方肩铣刀													
产品 Inserts Shape	型号 Type	尺寸 Dimension (mm)					牌号 Grade						
		d	t	ap	a	r	OTO5352C	OTO5302C	OTO5120-4	OTO5102	OTO5108	OTO5120	OTO5131
	3PKT060304R-M	5.3	2.8	4.7	1.0	0.4	▲	●			▲	●	▲
	3PKT100408R-M	6.9	4.0	7.0	1.2	0.8	▲	●			▲	●	▲
	3PKT150508R-M	10.7	5.0	11.0	1.8	0.8	▲	●			▲	●	▲
	3PKT190608R-M	13.5	6.0	15.0	2.0	0.8	▲	●			▲	●	▲

▲为主推荐牌号 Mainly recommended brand (In stock) ●按订单生产可选牌号Make to order

可转位铣削刀片

Indexable Milling Blade

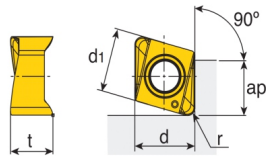
MP



方肩铣削刀片													
产品 Inserts Shape	型号 Type	尺寸 Dimension (mm)					牌号 Grade						
		L	W	T	h	Re	OTO5352C	OTO5302C	OTO5120-4	OTO5102	OTO5108	OTO5120	OTO5131
	MPHW060304ZEL	6.35	-	3.18	3	0.4	●	▲			●	●	
	MPHW060308ZEL	6.35	-	3.18	3	0.8	●	▲			●	●	
	MPHW060304ZEL-0.5	6.35	0.5	3.18	3	0.4	●	▲			●	●	
	MPHW060308ZEL-1.5	6.35	1.5	3.18	3	0.8	●	▲			●	●	

▲为主推荐牌号 Mainly recommended brand (In stock) ●按订单生产可选牌号Make to order

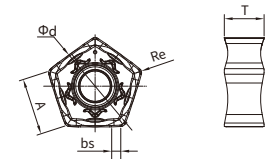
4NKT



单面三刃方肩铣刀													
产品 Inserts Shape	型号 Type	尺寸 Dimension (mm)					牌号 Grade						
		d	d1	t	ap	r	OTO5352C	OTO5302C	OTO5120-4	OTO5102	OTO5108	OTO5120	OTO5131
	4NKT040208R-ML	4.5	4.5	3.1	3.5	0.8	▲			●	▲	▲	
	4NKT060308R-ML	6.6	6.6	4.6	5.5	0.8	▲			●	▲	▲	
	4NKT090408R-ML	9.0	9.0	6.0	7.5	0.8	▲			●	▲	▲	

▲为主推荐牌号 Mainly recommended brand (In stock) ●按订单生产可选牌号Make to order

PN



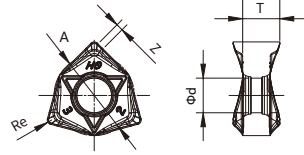
平面铣削刀片													
产品 Inserts Shape	型号 Type	尺寸 Dimension (mm)					牌号 Grade						
		A	T	ϕd	bs	Re	OTO5352C	OTO5302C	OTO5120-4	OTO5102	OTO5108	OTO5120	OTO5131
	PNMU0905GNEN-MJ	8.90	6.00	12.20	1.40	0.8	●				●	●	

▲为主推荐牌号 Mainly recommended brand (In stock) ●按订单生产可选牌号Make to order

可转位铣削刀片

Indexable Milling Blade

WN □ □



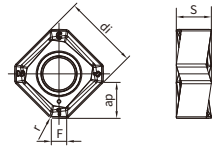
双面六刃方肩铣刀片		尺寸 Dimension (mm)					牌号 Grade						
产品 Inserts Shape	型号 Type	A	T	Φd	Z	Re	OTO5352C	OTO5302C	OTO5120-4	OTO5102	OTO5108	OTO5120	OTO5131
			WNMU040304EN-R	6.75	3.18	3.18	0.60	0.4	●				●
	WNMU060408EN-PM	10.14	4.36	4.20	0.00	0.8	●				●	▲	
	WNMU080608EN-R	14.02	6.65	6.20	1.30	0.8	●				●	▲	
	WNMU080608EN-GH	14.02	6.65	6.20	1.30	0.8	●				●	▲	
	WNEU080608EN-GH	14.02	6.65	6.20	1.30	0.8	●				●	▲	
	WNEU080608EN-GL	14.02	6.65	6.20	1.30	0.8	●				●	▲	

▲为主推荐牌号 Mainly recommended brand (In stock) ●按订单生产可选牌号Make to order

可转位铣削刀片

Indexable Milling Blade

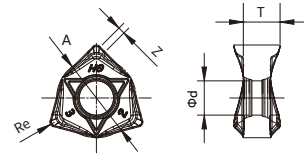
SN □ □



双面通用平面铣削刀片		尺寸 Dimension (mm)					牌号 Grade						
产品 Inserts Shape	型号 Type	di	ap	S	F	r	OTO5352C	OTO5302C	OTO5120-4	OTO5102	OTO5108	OTO5120	OTO5131
			SNMU1305ANR-MT	13.0	6.0	6.5	3.0	0.8	●				●
	SNMU1206ANEN-GM	12.7	5.7	6.4	2.2	0.8							

▲为主推荐牌号 Mainly recommended brand (In stock) ●按订单生产可选牌号Make to order

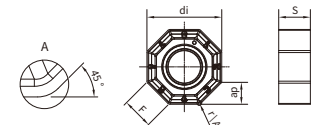
WN □ □



双面六刃方肩铣刀片		尺寸 Dimension (mm)					牌号 Grade						
产品 Inserts Shape	型号 Type	A	T	Φd	Z	Re	OTO5352C	OTO5302C	OTO5120-4	OTO5102	OTO5108	OTO5120	OTO5131
			WNMU040308-SG	6.65	3.50	3.05	0.40	0.8	●				
	WNEU080608-M8	12.50	6.45	4.64	1.40	0.8	●				●	▲	
	WNEU080608-M9	12.50	6.45	4.64	1.40	0.8	●				●	▲	
	WNEU080608-M13	12.50	6.45	4.64	1.30	0.8	●				●	▲	
	WNEU080608-M15	12.50	6.45	4.64	1.40	0.8	●				●	▲	

▲为主推荐牌号 Mainly recommended brand (In stock) ●按订单生产可选牌号Make to order

ON □ □



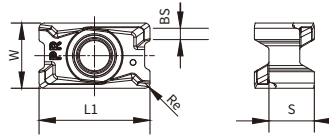
双面16刃平面铣削刀片		尺寸 Dimension (mm)					牌号 Grade						
产品 Inserts Shape	型号 Type	di	ap	S	F	r	OTO5352C	OTO5302C	OTO5120-4	OTO5102	OTO5108	OTO5120	OTO5131
			ONMU050505-MT	13.00	3.50	5.20	5.00	0.5	●				●


▲为主推荐牌号 Mainly recommended brand (In stock) ●按订单生产可选牌号Make to order

可转位铣削刀片

Indexable Milling Blade

LN □ □



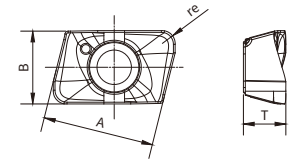
负型90° 方肩铣刀片		尺寸 Dimension (mm)					牌号 Grade						
产品 Inserts Shape	型号 Type	L1	S	W	BS	Re	OTO5352C	OTO5302C	OTO5120-4	OTO5102	OTO5108	OTO5120	OTO5131
			LNGU110408-PR	12.16	4.83	6.60	1.00	0.8	▲				●
	LNGU15T608-PR	17.01	6.96	10.00	1.80	0.8	▲				●	●	


▲为主推荐牌号 Recommended grade(Always stock available) ●按订单生产可选牌号Maker-to-order

可转位铣削刀片

Indexable Milling Blade

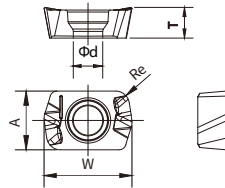
JD □ □




极小径方肩铣削刀片		尺寸 Dimension (mm)					牌号 Grade						
产品 Inserts Shape	型号 Type	A	B	Re	T	Φd	OTO5352C	OTO5302C	OTO5120-4	OTO5102	OTO5108	OTO5120	OTO5131
			JDMT070204R	6.40	4.30	0.40	2.45	2.15	▲				●
	JDMT070208R	6.40	4.30	0.80	2.45	2.15	▲				●	▲	●

▲为主推荐牌号 Recommended grade(Always stock available) ●按订单生产可选牌号Maker-to-order

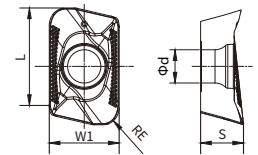
LP □ □




极小径快进给铣削刀片		尺寸 Dimension (mm)					牌号 Grade						
产品 Inserts Shape	型号 Type	A	T	Φd	W	Re	OTO5352C	OTO5302C	OTO5120-4	OTO5102	OTO5108	OTO5120	OTO5131
			LPGT010210ER-GM	4.19	2.19	2.10	6.26	1	●				●
	LPGT010210ER-GM	4.19	2.19	2.10	6.26	1	●				●	▲	●

▲为主推荐牌号 Recommended grade(Always stock available) ●按订单生产可选牌号Maker-to-order

AO □ □



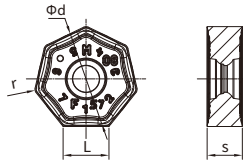
方肩铣削刀片		尺寸 Dimension (mm)					牌号 Grade						
产品 Inserts Shape	型号 Type	W1	L	S	Φd	Re	OTO5352C	OTO5302C	OTO5120-4	OTO5102	OTO5108	OTO5120	OTO5131
			AOMX120408TR-M8	8.20	11.60	5.07	3.85	0.8	●				●
	AOMX120420TR-M8	8.20	11.60	5.07	3.85	2	●				●	▲	

▲为主推荐牌号 Recommended grade(Always stock available) ●按订单生产可选牌号Maker-to-order

可转位铣削刀片

Indexable Milling Blade

XN □ □



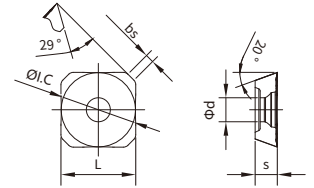
双面七边形铣削刀片													
产品 Inserts Shape	型号 Type	尺寸 Dimension (mm)					牌号 Grade						
		d	l	s	r	b	OTO5352C	OTO5302C	OTO5120-4	OTO5102	OTO5108	OTO5120	OTO5131
	XNMU070508-F57	14.50	6.98	4.60	0.80	-	●				●	▲	
	XNMU090612-F57	19.05	9.18	5.88	1.20	-	●			●	●		

▲为主推荐牌号 Mainly recommended brand (In stock) ●按订单生产可选牌号 Make to order

可转位铣削刀片

Indexable Milling Blade

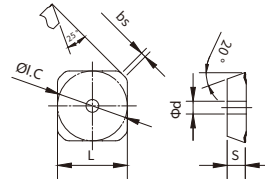
SE □ □



单面45°平面铣削刀片													
产品 Inserts Shape	型号 Type	尺寸 Dimension (mm)					牌号 Grade						
		L	ØI.C	S	Φd	bs	OTO5352C	OTO5302C	OTO5120-4	OTO5102	OTO5108	OTO5120	OTO5131
	SEMT13T3AGSN-GM	13.40	13.40	3.97	4.30	2.45	▲				▲	●	
	SEMT13T3AGSN-JM	13.40	13.40	3.97	4.30	2.45	▲				▲		
	SEKT1204AFTN	12.70	12.70	4.76	5.16	2	▲				▲	●	

▲为主推荐牌号 Mainly recommended brand (In stock) ●按订单生产可选牌号 Make to order

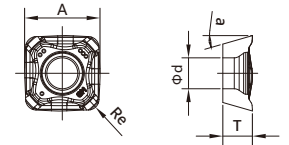
SE □ □



单面45°平面铣削刀片													
产品 Inserts Shape	型号 Type	尺寸 Dimension (mm)					牌号 Grade						
		L	ØI.C	S	Φd	bs	OTO5352C	OTO5302C	OTO5120-4	OTO5102	OTO5108	OTO5120	OTO5131
	SEER1203-AFS-D2	12.580	12.580	3.44	2.3	2	▲		▲		▲	●	
	SEER1203-AFS-G2	12.580	12.580	3.44	2.3	2	▲		▲		▲	●	
	SEER1504-AFS-D3	15.875	15.875	4.88	3.2	2.2	▲		▲		▲	●	
	SEER1203-AFS-GD2	15.875	15.875	4.88	3.2	2.2	▲		▲		▲	●	
	SEKR1203AFTN-YM	12.580	12.580	3.44	2.3	2	▲		▲		▲	▲	

▲为主推荐牌号 Mainly recommended brand (In stock) ●按订单生产可选牌号 Make to order

SO □ □



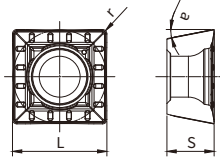
平面铣削刀片													
产品 Inserts Shape	型号 Type	尺寸 Dimension (mm)					牌号 Grade						
		A	T	Φd	Re	α	OTO5352C	OTO5302C	OTO5132	OTO5102	OTO5108	OTO5120	
	SOMT100420ER-GM	10.30	4.58	4.60	2.0	16	●				●	▲	
	SOMT140520ER-GM	14.14	5.56	5.80	2.0	16	●				●	▲	


▲为主推荐牌号 Mainly recommended brand (In stock) ●按订单生产可选牌号 Make to order

玉米铣刀片

Helical Milling Insert

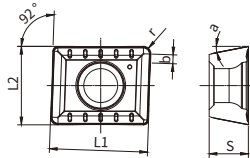
SP □ □




单面四刃铣削刀片												
产品 Inserts Shape	型号 Type	尺寸 Dimension (mm)				牌号 Grade						
		L	S	α	r	OT05352C	OT05302C	OT05120-4	OT05102	OT05108	OT05120	OT05131
	SPMT120408-D51	12.70	4.76	11.00	0.8	▲		●		▲	▲	
	SPMT120606-D51	12.70	6.35	11.00	0.6	▲		●		▲	▲	

▲为主推荐牌号 Recommended grade(Always stock available) ●按订单生产可选牌号Maker-to-order

LP □ □



单面二刃铣削刀片												
产品 Inserts Shape	型号 Type	尺寸 Dimension (mm)					牌号 Grade					
		L2	L	α	r	b	OT05352C	OT05302C	OT05120-4	OT05102	OT05108	OT05120	OT05131
	LPMT150412R-D51	12.70	15.88	11.00	1.2	1.6	●		●	▲	▲	
	LPMT150612R-D51	12.70	15.88	11.00	1.2	-	●		●	▲	▲	

▲为主推荐牌号 Recommended grade(Always stock available) ●按订单生产可选牌号Maker-to-order

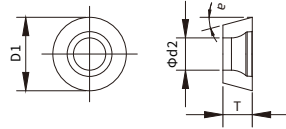


B
平面铣削刀片
Plane Milling Insert

平面铣削刀片

Plane Milling Insert

RP □ □



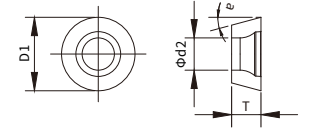
平面铣削刀片												
产品 Inserts Shape	型号 Type	尺寸 Dimension (mm)				牌号 Grade						
		D1	T	φd2	α	OTO5352C	OTO5302C	OTO5120-4	OTO5102	OTO5108	OTO5120	OTO5131
	RPGW1003MOE-CN	10.00	3.18	4.40	11	●		●	●	●	●	
	RDGT10T3MOTN-CN	10.00	3.97	4.40	15	●		●	●	●	●	
	RDGT1204MOTN-CN	12.00	4.76	4.40	15	●		●	●	●	●	
	RDGT1604MOTN-CN	16	4.76	5.5	15	●		●	●	●	●	
	RDMT0802MOTN	8	2.58	3.4	15	▲			▲	●		
	RDMT10T3MOTN	10.00	3.97	4.40	15	▲			▲	●		
	RDMT1204MOTN	12.00	4.76	4.40	15	▲			▲	●		
	RDMT1604MOTN	16	4.76	5.5	15	▲			▲	●		
	RPMT08T2MOE-JS	8	2.58	3.4	11	▲			▲	●		
	RPMT10T3MOE-JS	10.00	3.97	4.40	11	▲			▲	●		
	RPMT1204MOE-JS	12.00	4.76	4.40	11	▲			▲	●		
	RPMT1204MOE-JS	12.00	4.76	4.40	11	▲			▲	●		
	RPMT1204MOE-JS	12.00	4.76	4.40	11	▲			▲	●		
	RPMW1003MO-TT	10.00	3.18	4.40	11	▲			▲	●	▲	
	RPMT1204MOE-TT	12.00	4.76	4.40	11	▲			▲	●		
	RPMT1204MOE-TT	12.00	4.76	4.40	11	▲			▲	●		
	RPMT1204MOE-TT	12.00	4.76	4.40	11	▲			▲	●		
	RPMT1204MOE-TT	12.00	4.76	4.40	11	▲			▲	●		
	RPMW1003MO-NTT	10.00	3.18	4.40	11	▲			●	●		
	RDMT1204MO-NTT	12.00	4.76	4.40	15	▲			●	●		
	RDMT1604MO-NTT	16	4.76	5.5	15	▲			▲	●		
	RDMT1204MOE-ND57	12.00	4.76	4.40	15	▲			●	●		
	RDMT1204MOE-D57	12.00	4.76	4.40	15	▲			●	●		
	RDMT1605MOE-D57	16	4.76	5.5	15	▲			▲	●		
	RPMW08T2MOE-P	8	2.78	3.4	11	▲			▲	●		
	RPMW1003MOE-P	10.00	3.18	4.40	11	▲			▲	●		
	RPMW10T3MOE-P	10.00	3.97	4.40	11	▲			▲	▲		
	RDMW10T3MOE-P	10.00	3.97	4.40	15	▲			▲	▲		
	RDMW1204MOE-P	12.00	4.76	4.40	15	▲			▲	●		
RDMT1604MOE-P	16	4.76	5.5	15	▲			▲	●			

▲为主推荐牌号 Mainly recommended brand (In stock) ●按订单生产可选牌号Make to order

平面铣削刀片

Plane Milling Insert

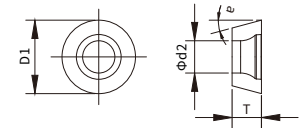
RP □ □



平面铣削刀片												
产品 Inserts Shape	型号 Type	尺寸 Dimension (mm)				牌号 Grade						
		D1	T	φd2	α	OTO5352C	OTO5302C	OTO5120-4	OTO5102	OTO5108	OTO5120	OTO5131
	RPMT08T2MO-BO	8	2.78	3.4	11	▲					▲	●
	RPMW1003MOT-BO	10.00	3.18	4.40	11	▲					▲	●
	RPMT10T3MO-BO	10.00	3.97	4.40	11	▲					▲	▲
	RPMT1204MO-BO	12.00	4.76	4.40	11	▲					●	●
	RDMW1204MOT-BO	12.00	4.76	4.40	15	▲					▲	●
	RPMT1204MOE-CO	12.00	4.76	4.40	11	▲					●	●
	RPMT1204MOE-CO	12.00	4.76	4.40	11	▲					●	●

▲为主推荐牌号 Mainly recommended brand (In stock) ●按订单生产可选牌号Make to order

RC □ □



平面铣削刀片												
产品 Inserts Shape	型号 Type	尺寸 Dimension (mm)				牌号 Grade						
		D1	T	φd2	α	OTO5352C	OTO5302C	OTO5120-4	OTO5102	OTO5108	OTO5120	OTO5131
	RCKT10T3MO-XM	10	3.97	4.4	7	●	●			▲	▲	
	RCKT1204MO-XM	12.00	4.76	4.40	7	●	●			●	●	
	RCKT1606MO	16	6.35	5.5	7	●	●			●	●	
	RCKT2006MO-XM	20	6.35	5.5	7	●	●			●	●	

▲为主推荐牌号 Mainly recommended brand (In stock) ●按订单生产可选牌号Make to order



B

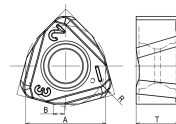
快进给铣削刀片


Fast Feed Milling Inserts

快进给铣削刀片

Fast Feed Milling Inserts

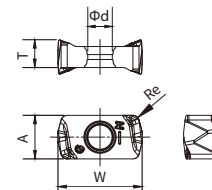
WN





快进给铣削刀片		尺寸 Dimension (mm)					牌号 Grade						
产品 Inserts Shape	型号 Type	A	T	B	R	Φd	OTO5352C	OTO5302C	OTO5120-4	OTO5102	OTO5108	OTO5120	OTO5131
			WNMU070620ZER-PM	10.60	6.35	1.94	2.00	4.6	•			▲	•
	WNMU090720ZER-PM	14.00	7.66	1.94	2.00	5.5	•			▲	•	▲	

▲为主推荐牌号 Mainly recommended brand (In stock) ●按订单生产可选牌号 Make to order

LN / LO



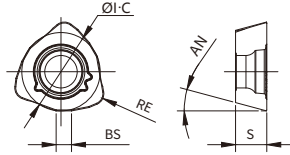
双面四刃快进给铣削刀片		尺寸 Dimension (mm)					牌号 Grade						
产品 Inserts Shape	型号 Type	A	T	Φd	W	Re	OTO5352C	OTO5302C	OTO5120-4	OTO5102	OTO5108	OTO5120	OTO5132
			LNMU0303ZER-MJ	6.00	3.75	2.85	11.90	1.2	•				▲
	LNMU0303ZER-ML	6.00	3.75	2.85	11.90	1.2	•				▲	▲	•
	LNMU0202ZER-MM	4.00	2.70	2.10	6.10	0.9	•				▲	▲	•
	LOGU030310ER-GM	6.20	3.96	3.45	11.9	1.0	•				▲	▲	•

▲为主推荐牌号 Mainly recommended brand (In stock) ●按订单生产可选牌号 Make to order

快进给铣削刀片

Fast Feed Milling Inserts

JD



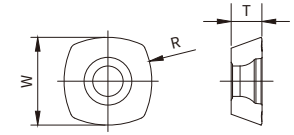
产品 Inserts Shape	型号 Type	尺寸 Dimension (mm)					牌号 Grade						
		ØI-C	S	BS	Re	AN	OTO5352C	OTO5302C	OTO5120-4	OTO5102	OTO5108	OTO5120	OTO5132
	JDMW09T320SR-FT	9.53	3.97	1.80	2.00	15	●		▲		▲	●	●
	JDMW120420SR-FT	12.00	4.76	2.50	2.00	15	●		▲		▲	●	●
	JDMW140520SR-FT	14.00	5.56	2.80	2.00	15	●		▲		▲	●	●

▲为主推荐牌号 Mainly recommended brand (In stock) ●按订单生产可选牌号Make to order

快进给铣削刀片

Fast Feed Milling Inserts

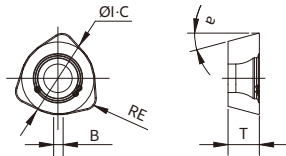
SD



产品 Inserts Shape	型号 Type	尺寸 Dimension (mm)					牌号 Grade						
		R	T	W	Φd	Re	OTO5352C	OTO5302C	OTO5120-4	OTO5102	OTO5108	OTO5120	OTO5131
	SDMT120512-GH	15.00	5.56	12.7	4.40	1.2	▲				▲	●	
	SDMT150512-GH	15.00	5.56	15.875	5.50	1.2	▲				▲	●	

▲为主推荐牌号 Mainly recommended brand (In stock) ●按订单生产可选牌号Make to order

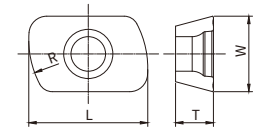
WD



产品 Inserts Shape	型号 Type	尺寸 Dimension (mm)				牌号 Grade						
		S	BS	Re	AN	OTO5352C	OTO5302C	OTO5120-4	OTO5102	OTO5108	OTO5120	OTO5131
	WDMW06T320ZTR	10.00	3.97	1.20	2.00	●		▲		▲	●	
	WDMW080520ZTR	13.00	5.50	1.50	2.00	●		▲		▲	●	
	WDMW10X620ZTR	16.00	6.00	2.00	2.00	●		▲		▲	●	

▲为主推荐牌号 Mainly recommended brand (In stock) ●按订单生产可选牌号Make to order

EP



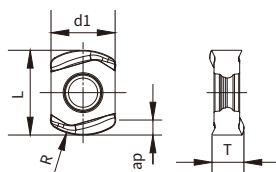
产品 Inserts Shape	型号 Type	尺寸 Dimension (mm)					牌号 Grade						
		R	T	W	Φd	Re	OTO5352C	OTO5302C	OTO5120-4	OTO5102	OTO5108	OTO5120	OTO5131
	EPMT0603TN	8	10.00	3.18	6.35	2.8	●				▲	▲	●
	EPNW0603TN-8	8	10.00	3.18	6.35	2.8	●				▲	▲	●


▲为主推荐牌号 Mainly recommended brand (In stock) ●按订单生产可选牌号Make to order

快进给铣削刀片

Fast Feed Milling Inserts

BL □ □



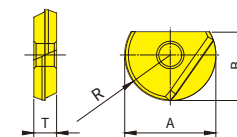
双面四刃快进给铣削刀片													
产品 Inserts Shape	型号 Type	尺寸 Dimension (mm)					牌号 Grade						
		R	L	T	d1	AP	OTO5352C	OTO5302C	OTO5120-4	OTO5102	OTO5108	OTO5120	OTO5132
	BLMP0603R-M	6	9.00	3.73	6.40	1	●				▲	▲	●
	BLMP0904R-MM	8	11.90	4.80	9.18	1.5	●				▲	▲	●



▲为主推荐牌号 Mainly recommended brand (In stock) ●按订单生产可选牌号 Make to order

精铣球头刀

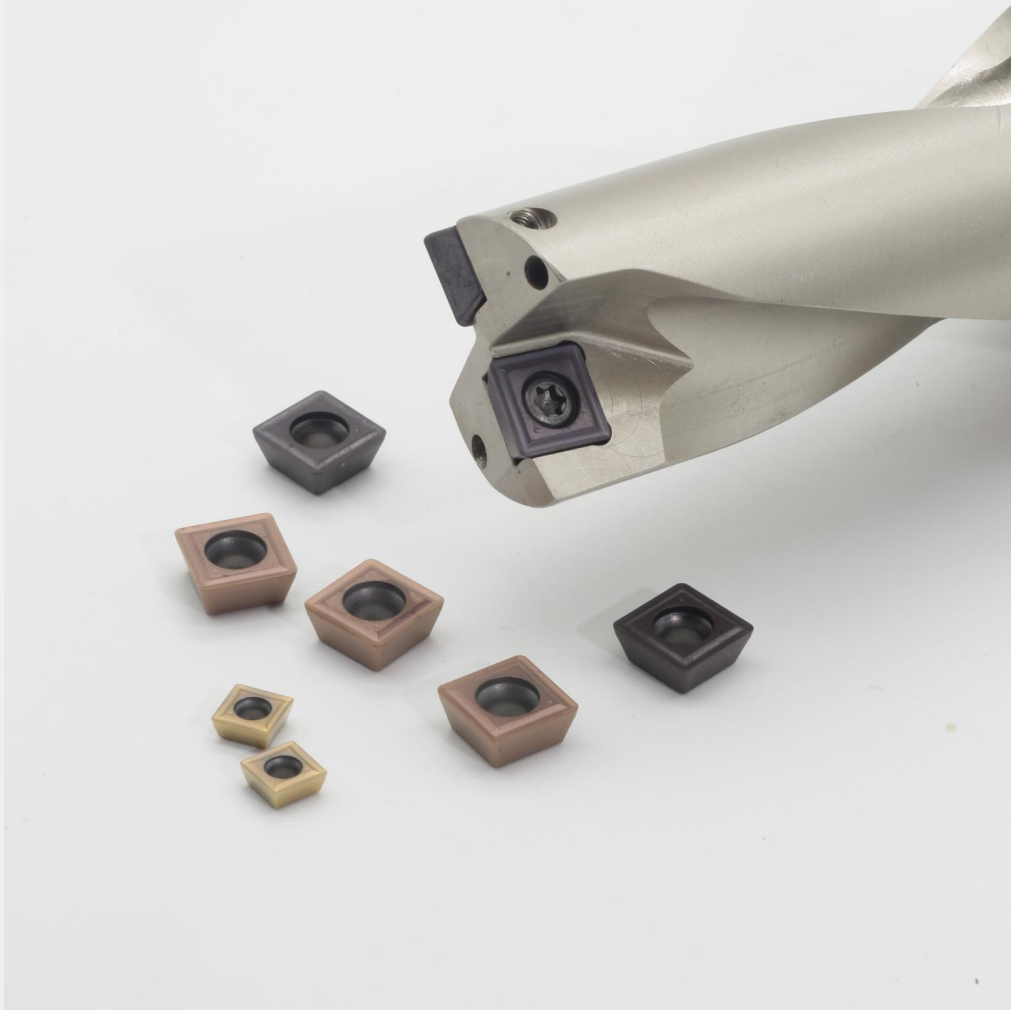
Precision Milling Ball End Cutter

BN □ □ / DH □ □



仿型铣削加工刀片												
产品 Inserts Shape	型号 Type	尺寸 Dimension (mm)				牌号 Grade						
		R	A	B	T	OTO5352C	OTO5302C	OTO5120-4	OTO5102	OTO5108	OTO5120	OTO5132
	BNM160-M	8.0	16.0	12.0	4.0	●	●	●	●	▲	▲	●
	BNM200-M	10.0	20.0	15.0	5.0	●	●	●	●	▲	▲	●
	BNM250-M	12.5	25.0	18.5	6.0	●	●	●	●	▲	▲	●
	DHB160-F	8.0	16.0	12.0	3.0		●	●	●	●	●	▲
	DHB200-F	10.0	20.0	15.0	3.0		●	●	●	●	●	▲
	DHB250-F	12.5	25.0	18.5	4.0		●	●	●	●	●	▲

▲为主推荐牌号 Mainly recommended brand (In stock) ●按订单生产可选牌号 Make to order



C

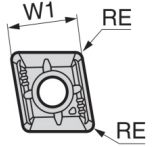
钻削刀片

Drilling Insert

浅孔钻刀片

Shallow Hole Drilling Insert

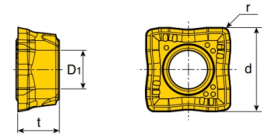
WP □ □



单面二刃孔加工刀片		尺寸 Dimension (mm)				牌号 Grade					
产品 Inserts Shape	型号 Type	W1	T	RE	d1	牌号 Grade					
						OT05352C	OT05302C	OT05120-4	OT05131	OT05108	OT05806P
	WPXT042004-G	4.20	2.00	0.40	1.8		▲		▲		●
	WPXT052504-G	5.00	2.50	0.40	2.3		▲		▲		●
	WPXT063006-G	6.00	3.00	0.60	2.4		▲		▲		●
	WPXT073506-G	7.50	3.50	0.60	2.8		▲		▲		●
	WPXT094008-G	9.60	4.00	0.80	4		▲		▲		●
	WPXT125012-G	12.40	5.00	1.20	4.4		▲		▲		●
	WPXT156012-G	15.20	6.00	1.20	5.5		▲		▲		●
	WPXT186012-G	18.00	6.00	1.20	5.5		▲		▲		●

▲为主推荐牌号 Mainly recommended brand (In stock) ●按订单生产可选牌号 Make to order

SO □ □



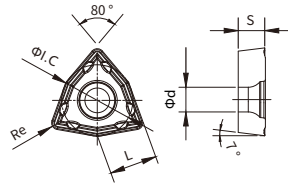
单面四刃孔加工刀片		尺寸 Dimension (mm)				牌号 Grade						
产品 Inserts Shape	型号 Type	d	t	r	D1	牌号 Grade						
						OT05352C	OT05302C	OT05120-4	OT05102	OT05131	OT05120	OT05132
	SOMT050204	5.00	2.38	0.40	2.25		▲		●	●	▲	▲
	SOMT060204	5.70	2.38	0.40	2.6		▲		●	●	▲	▲
	SOMT070306	6.80	2.80	0.60	2.6		▲		●	●	▲	▲
	SOMT08T306	7.90	3.97	0.60	2.85		▲		●	●	▲	▲
	SOMT09T308	9.20	3.97	0.80	3.8		▲		●	●	▲	▲
	SOMT11T308	11.00	3.97	0.80	3.8		▲		●	●	▲	▲
	SOMT130408	12.80	4.40	0.80	4.4		▲		●	●	▲	▲
	SOMT150510	15.00	4.80	1.00	5.4		▲		●	●	▲	▲

▲为主推荐牌号 Mainly recommended brand (In stock) ●按订单生产可选牌号 Make to order

浅孔钻刀片

Shallow Hole Drilling Insert

WC □ □



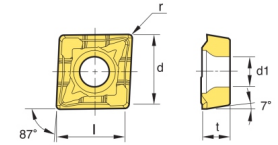
单面三刃孔加工刀片												
产品 Inserts Shape	型号 Type	尺寸 Dimension (mm)				牌号 Grade						
		ØI.C	S	Ød	Re	OTO5352C	OTO5302C	OTO5120-4	OTO5102	OTO5108	OTO5120	OTO5806
	WCMX030208FN	5.56	2.38	2.80	0.8		▲		●	●	●	▲
	WCMX030208FN	5.56	2.38	2.80	0.8	▲		●	●	●	●	▲
	WCMX040208FN	6.35	2.38	2.80	0.8		▲		●	●	●	▲
	WCMT050308FN	7.94	3.18	3.40	0.8		▲		●	●	●	▲
	WCMT06T308FN	9.53	3.97	3.80	0.8		▲		●	●	●	▲
	WCMT080412FN	12.70	4.76	4.40	1.2		▲		●	●	●	▲
	WCMT030208EN-TG	5.56	2.38	2.80	0.8		▲		●	●	●	▲
	WCMT040208EN-TG	6.35	2.38	2.80	0.8		▲		●	●	●	▲
	WCMT050308EN-TG	7.94	3.18	3.40	0.8		▲		●	●	●	▲
	WCMT06T308EN-TG	9.53	3.97	3.80	0.8		▲		●	●	●	▲
	WCMT080412FN-TG	12.70	4.76	4.40	1.2		▲		●	●	●	▲
	WCMT030208R-PG	5.56	2.38	2.80	0.8		▲		●	●	●	▲
	WCMT040208R-PG	6.35	2.38	3.10	0.8		▲		●	●	●	▲
	WCMT050308R-PG	7.94	3.18	3.20	0.8		▲		●	●	●	▲
	WCMT06T308R-PG	9.53	3.97	3.70	0.8		▲		●	●	●	▲
	WCMT080412R-PG	12.70	4.76	4.30	1.2		▲		●	●	●	▲

▲为主推荐牌号 Mainly recommended brand (In stock) ●按订单生产可选牌号Make to order

浅孔钻刀片

Shallow Hole Drilling Insert

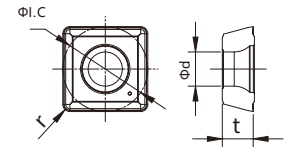
QC □ □



单面二刃孔加工刀片												
产品 Inserts Shape	型号 Type	尺寸 Dimension (mm)				牌号 Grade						
		d	t	r	d1	OTO5352C	OTO5302C	OTO5120-4	OTO5102	OTO5108	OTO5131	OTO5132
	QCMT050204-DM	5.40	2.10	0.40	2.3	●	▲			▲		▲
	QCMT060204-DM	6.40	2.38	0.40	2.5	●	▲			▲		▲
	QCMT070304-DM	7.40	3.18	0.40	2.8	●	▲			▲		▲
	QCMT080304-DM	8.40	3.18	0.40	3.4	●	▲			▲		▲
	QCMT10T308-DM	10.40	3.97	0.40	4	●	▲			▲		▲
	QCMT130408-DM	13.50	4.76	0.80	5.5	●	▲			▲		▲
	QCMT170508-DM	17.50	5.56	0.80	5.5	●	▲			▲		▲

▲为主推荐牌号 Mainly recommended brand (In stock) ●按订单生产可选牌号Make to order

SP □ □



单面四刃孔加工刀片												
产品 Inserts Shape	型号 Type	尺寸 Dimension (mm)				牌号 Grade						
		ØI.C	t	r	Ød	OTO5352C	OTO5302C	OTO5120-4	OTO5102	OTO5108	OTO5131	OTO5132
	SPMT030104-HD	3.5	1.4	0.34	1.9		▲		●	●	●	▲
	SPMT040204-HD	4.65	2.2	0.34	2.4		▲		●	●	●	▲
	SPMG050204-DG	5.00	2.38	0.40	2.25		▲		●	●	●	▲
	SPMG060204-DG	6.00	2.38	0.40	2.61		▲		●	●	●	▲
	SPMG07T308-DG	7.94	3.97	0.80	2.85		▲		●	●	●	▲
	SPMG090408-DG	9.80	4.30	0.80	4.05		▲		●	●	●	▲
	SPMG110408-DG	11.50	4.80	0.80	4.45		▲		●	●	●	▲
	SPMG140512-DG	14.30	5.20	1.20	5.75		▲		●	●	●	▲

▲为主推荐牌号 Mainly recommended brand (In stock) ●按订单生产可选牌号Make to order