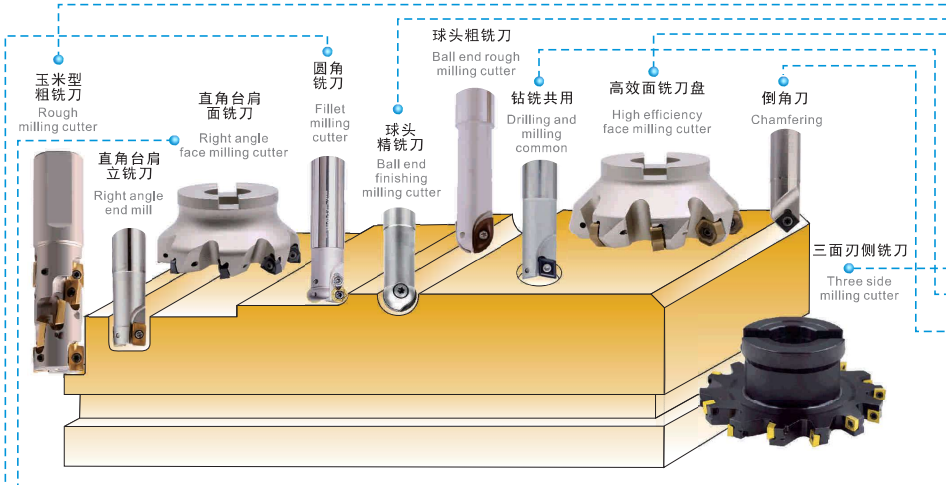
MZG®

机夹式铣刀
Clamp Type Milling Cutter

铣刀导航

机夹式铣削刀具
CNC Milling Inserts



粗加工侧铣刀
Rough side milling cutter

APMT	AP	AP	AP	LPMT	SPMT	SPM	SPC	SPC	HMP01	HMP01
D13	D52	D52	D52	D53	D53	D54	D5	D54	D54	D54
适用刀柄 AP.. 玉米型粗铣刀	适用刀片 APMT.. 切削直径 ø25-ø50 玉米型粗铣刀	适用刀片 APMT.. 切削直径 ø50-ø80 玉米型粗铣刀	适用刀片 APMT.. 切削直径 ø50-ø80 玉米型粗铣刀	适用刀柄 SPM.. 玉米型粗铣刀	适用刀柄 SPC.. 玉米型粗铣刀	适用刀片 LP+SP.. 切削直径 ø25-ø50 玉米型粗铣刀	适用刀片 LP+SP.. 切削直径 ø50-ø80 玉米型粗铣刀	适用刀片 LP+SP.. 切削直径 ø50-ø80 玉米型粗铣刀	适用刀片 LP+SP.. 切削直径 ø50-ø80 玉米型粗铣刀	适用刀片 LP+SP.. 切削直径 ø50-ø80 玉米型粗铣刀

球头粗铣刀
Ball end rough milling cutter

ZC..	BCF	SWB..	SWB
D37	D37	D38	D38
适用刀柄 BCF.. 球头立铣刀	适用刀片 ZC.. 切削直径 R10-R25 球头立铣刀	适用刀柄 SWB.. 球头立铣刀	适用刀片SWB.. 切削直径 R12.5-R25 球头立铣刀

球头精铣刀
Ball end finishing milling cutter

ZPFG..	ABPF	ABPF	ZCFW..	ARPF	BNM..
D39	D39	D39	D39	D39	D40
适用刀柄 ABPF.. 球头立铣刀	适用刀片 ZPFG.. 切削直径 R4-R15 球头立铣刀	适用刀片 ZPFG.. 切削直径 R4-R15 球头立铣刀	适用刀柄 ABPF.. 直角台肩立铣刀	适用刀片 ZCFW.. 切削直径 ø8-ø30 直角台肩立铣刀	适用刀柄 BNM.. 球头立铣刀

BNM	BNM-R	BNM-S	P3200..	T2139	T2139M
D40	D40	D40	D41	D42	D42
适用刀片BNM.. 切削直径 R5-R15 球头立铣刀	适用刀片 BNM.. 切削直径 R5-R15 球头立铣刀	适用刀片 BNM.. 切削直径 ø10-ø20 直角台肩立铣刀	适用刀柄 T2139.. 球头立铣刀	适用刀片 P3200.. 切削直径 R4-R16 球头立铣刀	适用刀片 P3200.. 切削直径 R4-R16 球头立铣刀

钻铣刀
Drilling and milling common

AD/AP..	ASJ
D43	D43
适用刀柄 ASJ.. 钻孔铣削共用立铣刀	适用刀片 AD/AP.. 切削直径 ø17-ø35 钻孔铣削共用立铣刀

CC/CP..	CH	TJU
D44	D43	D44
适用刀柄 TJU/CH.. 钻孔铣削共用立铣刀	适用刀片 CC.. 切削直径 ø14-ø32 钻孔铣削共用立铣刀	适用刀片 CC/CP.. 切削直径 ø5-ø32 钻孔铣削共用立铣刀

三面刃侧铣刀
Three side milling cutter

TGF/TT43..	SMT	SMT	SMT
D55	D55	D55	D56
适用刀柄 SMT.. 三面刃T型槽侧铣刀	适用刀片 TGF/TT.. 切削直径 ø25-ø44 三面刃T型槽侧铣刀	适用刀片 TGF/TT.. 切削直径 ø25-ø44 三面刃T型槽侧铣刀	适用刀片 TT43L.. 切削直径 ø63-ø80 三面刃T型槽侧铣刀

ATS	890	MPHT	DMP	DMP	DMP
D56	D58	D57	D58	D58	D58
适用刀片 CC.. 切削直径 ø24-ø49 三面刃T型槽侧铣刀	适用刀片 N331.. 切削直径 ø18-ø115 三面刃T型槽侧铣刀	适用刀柄 DMP.. 三面刃T型槽侧铣刀	适用刀片 MPHT.. 切削直径 ø80-ø200 三面刃T型槽侧铣刀	适用刀片 MPHT.. 切削直径 ø21-ø50 三面刃T型槽侧铣刀	适用刀片 MPHT.. 切削直径 ø50-ø200 三面刃T型槽侧铣刀

SPMG	SMP	SMP	XSEQ	SMP01	SMP01
D59	D60	D60	D61	D61	D62
适用刀柄 SMP.. 三面刃T型槽侧铣刀	适用刀片 SPMG.. 切削直径 ø80-ø200 三面刃T型槽侧铣刀	适用刀片 SPMG.. 切削直径 ø80-ø200 三面刃T型槽侧铣刀	适用刀柄 SMP01.. 三面刃T型槽侧铣刀	适用刀片 XSEQ.. 切削直径 ø100-ø250 三面刃T型槽侧铣刀	适用刀片 XSEQ.. 切削直径 ø63-ø160 三面刃T型槽侧铣刀

倒角刀
Chamfering

TCMX	SSP	TP	TP
D45	D45	D45	D45
适用刀柄 SSP.. 45°正位倒角刀	适用刀片 TCMX.. 切削直径 ø40-ø63 45°正位倒角刀	适用刀柄 TP.. 30°/45°/60°倒角刀	适用刀片 TP.. 切削直径 ø5-ø50 30°/45°/60°倒角刀

TCMT	SSO	SSY	TCM	SSH
D46	D46	D46	D46	D46
适用刀柄 TP.. 倒角刀	适用刀片 TCMT.. 切削直径 ø11-ø16 15°倒角刀	适用刀片 TCMT.. 切削直径 ø3-ø20 30°倒角刀	适用刀片 TCMT.. 切削直径 ø5-ø40 45°倒角刀	适用刀片 TCMT.. 切削直径 ø4-ø25 60°倒角刀

ADNT	SSK	SDMB	SD	APMT
D47	D47	D47	D47	D48
适用刀柄 SSK.. 45°倒角刀	适用刀片 ADNT.. 切削直径 ø8-ø20 45°倒角刀	适用刀柄 SD.. 45°倒角刀	适用刀片 SDMB.. 切削直径 ø3-ø50 内孔45°倒角刀	适用刀柄 SSK.. 45°倒角刀

SSK	MC	BC	MC	CA
D48	D49	D49	D49	D50
适用刀片 APMT.. 切削直径 ø3-ø50 45°倒角刀	适用刀片 SDMT.. 切削直径 ø12-ø30 倒角刀	适用刀片 TCMT.. 切削直径 ø20-ø31 侧拉45°倒角刀	适用刀片 CCMT.. 切削直径 ø18-ø40 侧拉沉头刀	适用刀片 CCMT.. 切削直径 ø18-ø98 镗孔专用双侧角沉头

面铣刀
Face milling

SEET	R245	SEMT	ASX445
D74	D74	D73	D73
适用刀柄 R245.. 平面铣削加工	适用刀片 SEET.. 切削直径 ø63-ø250 平面铣削加工	适用刀柄 ASX445.. 平面铣削加工	适用刀片 SEMT.. 切削直径 ø50-ø250 平面铣削加工

SEKT	KM	SEHT	AL-KM	SEKN
D76	D75	D76	D75	D78
适用刀柄 KM.. 平面铣削加工	适用刀片 SEKT.. 切削直径 ø50-ø300 平面铣削加工	适用刀柄 KM.. 平面铣削加工	适用刀片 SEHT.. 切削直径 ø50-ø300 平面铣削加工	适用刀柄 SE.. 平面铣削加工

SEKR	SD-45°	SE-45°	SP-45°	FP-75°
D78	D77	D77	D77	D78
适用刀柄 SE.. 平面铣削加工	适用刀片 SD.. 切削直径 ø80-ø300 平面铣削加工	适用刀片 SE.. 切削直径 ø80-ø300 平面铣削加工	适用刀片 SP.. 切削直径 ø80-ø300 平面铣削加工	适用刀片 SP.. 切削直径 ø80-ø300 平面铣削加工

直角台肩立铣刀
Right angle end mill

双面 WNMU	R217.96	R217.96	双面 WNMU	MFWN	双面 6NGU	6NTE	6NTF	3PKT..	3PTE..
D03	D03	D03	D04	D04	D05	D05	D06	D07	D07
适用刀柄 R217.96.. 直角台肩立铣刀	适用刀片 WN.. 切削直径 ø20-ø35 直角台肩立铣刀	适用刀片 WN.. 切削直径 ø40-ø63 直角台肩立铣刀	适用刀柄 MFWN.. 直角台肩立铣刀	适用刀片 WN.. 切削直径 ø50-ø250 直角台肩立铣刀	适用刀柄 6NT.. 直角台肩立铣刀	适用刀片 6NGU.. 切削直径 ø20-ø40 直角台肩立铣刀	适用刀片 6NGU.. 切削直径 ø40-ø160 直角台肩立铣刀	适用刀柄 3PKT.. 直角台肩立铣刀	适用刀片 3PKT.. 切削直径 ø16-ø50 直角台肩立铣刀

3PTF..	JDMT	AHU	AHUB	AHUM	JDMT07..	ASM	ASMM	APKT..	AP1003..	BT..-AP10..	AP1003..
D08	D10	D09	D10	D10	D11	D11	D11	D12	D12	D12	D12
适用刀片 3PKT.. 切削直径 ø40-ø160 直角台肩立铣刀	适用刀柄 AHU 直角台肩立铣刀	适用刀片 JDMT.. 切削直径 ø10-ø50 直角台肩立铣刀	适用刀片 JDMT.. 切削直径 ø50-ø100 直角台肩立铣刀	适用刀片 JDMT.. 切削直径 ø10-ø35 直角台肩立铣刀	适用刀柄 ASM.. 直角台肩立铣刀	适用刀片 JDMT07.. 切削直径 ø8-ø21 直角台肩立铣刀	适用刀片 JDMT07.. 切削直径 ø8-ø32 直角台肩立铣刀	适用刀柄 AP10.. 直角台肩立铣刀	适用刀片 APKT.. 切削直径 ø16-ø20 直角台肩立铣刀	适用刀片 APKT.. 切削直径 ø16-ø32 直角台肩立铣刀	适用刀片 APKT.. 切削直径 ø40-ø63 直角台肩立铣刀

APMT	BAP	AL-BAP	MA-AP	BAPM	BAP	RAP	R390..	R390	R390	R390	BT-R390
D13	D14	D15	D15	D16	D16	D16	D17	D17	D18	D18	D18
适用刀柄 BAP.. 直角台肩立铣刀	适用刀片 APMT.. 切削直径 ø10-ø50 直角台肩立铣刀	适用刀片 APMT.. 切削直径 ø50-ø300 直角台肩立铣刀	适用刀片 APMT.. 切削直径 ø74-ø328 直角台肩立铣刀	适用刀片 APMT.. 切削直径 ø16-ø35 直角台肩立铣刀	适用刀片 APMT.. 切削直径 ø40-ø300 直角台肩立铣刀	适用刀片 APMT.. 切削直径 ø50-ø250 直角台肩立铣刀	适用刀柄 R390.. 直角台肩立铣刀	适用刀片 R390.. 切削直径 ø16-ø32 直角台肩立铣刀	适用刀片 R390 切削直径 ø16-ø35 直角台肩立铣刀	适用刀片 R390.. 切削直径 ø50-ø160 直角台肩立铣刀	适用刀片 R390.. 切削直径 ø16-ø32 直角台肩立铣刀

RT..	RT	RT	XOMX	T217.69	AOMT	EPX3000	SEET..	FMP02R	AP/AD..	UEX	BT-EDC
D19	D20	D20	D20	D20	D21	D21	D22	D22	D23	D23	D23
适用刀柄 RT.. 直角台肩立铣刀	适用刀片 RT.. 切削直径 ø10-ø35 直角台肩立铣刀	适用刀片 RT.. 切削直径 ø10-ø35 直角台肩立铣刀	适用刀柄 T217.69.. 直角台肩立铣刀	适用刀片 XOMX.. 切削直径 ø8-ø26 直角台肩立铣刀	适用刀柄 EPX3000.. 直角台肩立铣刀	适用刀片 AOMT 切削直径 ø12-ø40 直角台肩立铣刀	适用刀柄 FMP02R.. 直角台肩立铣刀	适用刀片 SEET.. 切削直径 ø50-ø315 直角台肩立铣刀	适用刀柄 UEX.. 直角台肩立铣刀	适用刀片 AP/AD.. 切削直径 ø12-ø30 直角台肩立铣刀	适用刀片 EDC.. 切削直径 ø16-ø32 直角台肩立铣刀

AXMT	TE90	TE90	TP..	TP	TP	SSD90	ASX400	WFX12	WFX17
D24	D24	D24	D25	D25	D25	D26	D26	D26	D26
适用刀柄 TE90.. 直角台肩立铣刀	适用刀片AXMT.. 切削直径 ø8-ø35 直角台肩立铣刀	适用刀片AXMT.. 切削直径 ø8-ø35 直角台肩立铣刀	适用刀柄 TP.. 直角台肩立铣刀	适用刀片 TP.. 切削直径 ø16-ø60 直角台肩立铣刀	适用刀片 TP.. 切削直径 ø40-ø200 直角台肩立铣刀	适用刀片 SDMT.. 切削直径 ø50-ø125 直角台肩立铣刀	适用刀片 SPMT.. 切削直径 ø50-ø160 直角台肩立铣刀	适用刀片 SDMT.. 切削直径 ø50-ø125 直角台肩立铣刀	适用刀片 AXMT.. 切削直径 ø50-ø160 直角台肩立铣刀

圆角立铣刀
Fillet end mill

RD..	TRS	TRS	TRS	RN..	KDR	KDR
D33	D34	D35	D35	D36	D36	D36
适用刀柄 TRS.. 圆角立铣刀	适用刀片 RD.. 切削直径 ø8-ø40 圆角立铣刀	适用刀片 RD.. 切削直径 ø50-ø160 圆角立铣刀	适用刀片 RD 切削直径 ø9-ø35 圆角立铣刀	适用刀柄 KDR.. 圆角立铣刀	适用刀片 RN.. 切削直径 ø32-ø40 圆角立铣刀	适用刀片 RN.. 切削直径 ø40-ø100 圆角立铣刀

BT-MFT	MFL
D79	D80
适用刀头 螺纹锁牙头 锁牙式刀柄	适用刀头 螺纹锁牙头 锁牙式刀柄

RP..	EMR	EMRM	EMR	EMRW	RC..	R200	R200
D27	D28	D28	D29	D29	D31	D32	D32
适用刀柄 EMR.. 圆角立铣刀	适用刀片 RP.. 切削直径 ø50-ø300 圆角立铣刀	选用刀片 RP.. 切削直径 ø16-ø35 圆角立铣刀	适用刀片 RP.. 切削直径 ø10-ø50 圆角立铣刀	适用刀片 RP.. 切削直径 ø12-ø50 圆角立铣刀	适用刀柄 R200.. 圆角立铣刀	适用刀片 RC.. 切削直径 ø20-ø32 圆角立铣刀	适用刀片 RC.. 切削直径 ø50-ø200 圆角立铣刀

高进给铣刀
High feed milling cutter

双面 HNGX	KSHR
D70	D70
适用刀柄 KSHR.. 高进给立铣刀	适用刀片 HNGX.. 切削直径 ø40-ø315 高进给立铣刀

双面 BLMP	TEBL	TEBL	双面 LNMU	EXN03	EXN03
D71	D71	D71	D72	D72	D72
适用刀柄 TEBL.. 高进给立铣刀	适用刀片 BLMP.. 切削直径 ø16-ø33 高进给立铣刀	适用刀片 BLMP.. 切削直径 ø40-ø63 高进给立铣刀	适用刀柄 EXN03.. 高进给立铣刀	适用刀片 LNMU.. 切削直径 ø16-ø25 高进给立铣刀	适用刀片 LNMU.. 切削直径 ø40-ø63 高进给立铣刀

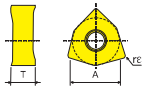
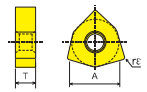
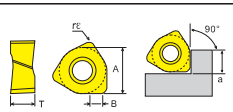
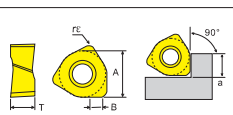
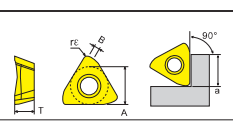
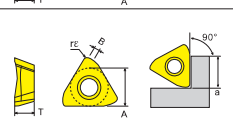
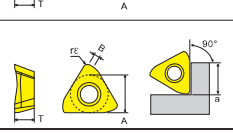
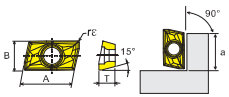
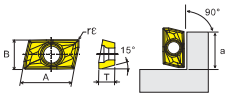
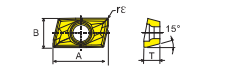
JDMW/JDMW	AJX	AJX	AJX	OD	HEP
D63	D63	D64	D64	D70	D68
适用刀柄 AJX.. 高进给立铣刀	适用刀片 JDMW.. 切削直径 ø16-ø50 高进给立铣刀	适用刀片 JDMW.. 切削直径 ø50-ø100 高进给立铣刀	适用刀片 JDMW.. 切削直径 ø16-ø26 高进给立铣刀	适用刀片 ODMT.. 切削直径 ø63-ø125 高进给立铣刀	适用刀片 XDMT.. 切削直径 ø63-ø200 高进给立铣刀

EPNW	SDMT	ASR	ASR	ASF	ASRM
D66	D66	D65	D66	D66	D66
适用刀柄 ASR06.. 高进给立铣刀	适用刀柄 ASF15.. 高进给立铣刀	适用刀片 JDMW.. 切削直径 ø16-ø40 高进给立铣刀	适用刀片 EPNW.. 切削直径 ø50-ø63 高进给立铣刀	适用刀片 SDMT.. 切削直径 ø80-ø200 高进给立铣刀	适用刀片 EPNW.. 切削直径 ø16-ø40 高进给立铣刀

WDMW	SKS	SKS	WPMT	TXP	TXP
D68	D67	D68	D69	D69	D69
适用刀柄 SKS.. 高进给立铣刀	适用刀片 WDMW.. 切削直径 ø16-ø40 高进给立铣刀	适用刀片 WDMW.. 切削直径 ø50-ø100 高进给立铣刀	适用刀柄 TXP.. 高进给立铣刀	适用刀片WPMT.. 切削直径 ø25-ø49 高进给立铣刀	适用刀片 WPMT.. 切削直径 ø50-ø100 高进给立铣刀

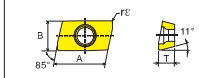
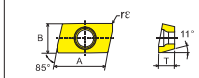
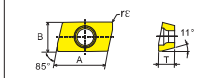
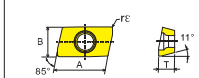
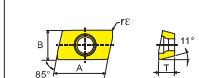
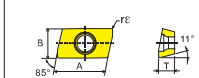
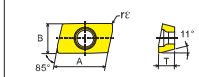
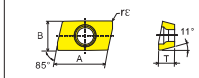
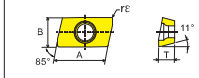
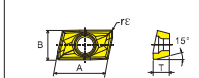
切削形态: Cutting Environment ● 稳定切削 Stable Cutting ◐ 一般切削 General Cutting ✕ 不稳定切削 Unstable Cutting

			PCD	CBN-K	CBN-S	ZN60	ZK01	ZC32S	ZP201	ZP150	ZP152	ZP153	ZP163
P	钢	Steel		●	◐		◐	✕	✕	✕	◐	◐	●
M	不锈钢	Stainless Steel					◐	◐	◐	◐	◐	◐	◐
K	铸铁	Iron	●		◐		◐	✕	✕	✕			
N	铝/铜/镁/锌/塑料/木材	Aluminum/Copper/Magnesium/Zinc/Plastic/Wood	●			◐							
S	硬质合金/粉末冶金	Carbide/Powder Metallurgy	◐						✕	✕	◐	◐	◐
H	钛/高温合金/碳纤维	Titanium/Superalloy/Carbon Fiber	◐						✕	✕	◐	◐	◐

Application 用途	产品图片 Product Image	几何尺寸 Dimensioning	规格型号 Specification	尺寸 Dimension (mm) rε	A	B	T	L	a	配套刀柄 Matching Toolholder	PCD	CBN-K	CBN-S	ZN60	ZK01	ZC32S	ZP201	ZP150	ZP152	ZP153	ZP163
高进给铣削加工 High Feed Milling			WNMU 0404	0.8	6.35	-	4.76			刀柄: (Toolholder) D03							●	●	●	●	●
高进给铣削加工 High Feed Milling			WNMU 080604EN-GM 080608EN-GM 低阻力 080608EN-SM 重切削用 080608EN-GH	0.4 0.8 0.8 0.8	14.02 14.02 14.02 14.02	- - - -	6.65 6.65 6.65 6.65			刀柄: (Toolholder) D04							●	●	●	●	●
直角台肩铣削 Right Angle Milling			6NGU 060404R-M 060405R-M 060408R-M 060410R-M 060416R-M	0.4 0.5 0.8 1.0 1.6	9.26 9.26 9.26 9.26 9.26	2.36 2.36 1.96 1.76 1.16	4.76 4.76 4.76 4.76 4.76	- - - - -	6.2 6.2 6.2 6.2 6.2	刀柄: (Toolholder) D05-D06			● ● ● ● ●	● ● ● ● ●	● ● ● ● ●						
直角台肩铣削 Right Angle Milling			6NGU 090504R-M 090508R-M 090516R-M	0.4 0.8 1.6	13.05 13.05 13.05	2.2 2.0 1.2	6.74 6.74 6.74	- - -	9.2 9.2 9.2	刀柄: (Toolholder) D05-D06			● ● ●	● ● ●							
直角台肩铣削 Right Angle Milling			3PKT 100404R-M 100408R-M 150508R-M 190608R-M 190616R-M	0.4 0.5 0.8 1.0 1.6	6.9 6.9 10.7 13.5 13.5	1.3 0.9 1.6 2.0 1.2	4 4 5 6 6	- - - - -	7 7 11 15 15	刀柄: (Toolholder) D07-D08			● ● ● ● ●	● ● ● ● ●	● ● ● ● ●						
直角台肩铣削 Right Angle Milling			3PKT 100404R-ML 150508R-ML 190608R-ML	6.9 10.7 13.5	6.9 10.7 13.5	0.9 1.6 2.0	4 5 6	- - -	7 11 15	刀柄: (Toolholder) D07-D08			● ● ●	● ● ●	● ● ●						
直角台肩铣削 Right Angle Milling	 铝专用 Special for Aluminum		3PHT 100404R-AL 100408R-AL 150508R-AL 190608R-AL	6.9 6.9 10.7 13.5	6.9 6.9 10.7 13.5	1.3 0.9 1.6 2.0	4 4 5 6	- - - -	7 7 11 15	刀柄: (Toolholder) D07-D08				● ● ●							
直角台肩铣削 Right Angle Milling			JDMT 100304R 100308R 100320R 100332R 150504R 150508R 150520R 150530R	0.4 0.8 2.0 3.2 0.4 0.8 2.0 3.0	11.0 11.0 11.0 11.0 16.0 16.0 16.0 16.0	6.1 6.1 6.1 6.1 9.12 9.12 9.12 9.12	3.5 3.5 3.5 3.5 5.0 5.0 5.0 5.0	- - - - - - - -	10 10 10 10 15 15 15 15	刀柄: (Toolholder) D09-D10			●●● ●●● ●●● ●●● ●●● ●●● ●●● ●●●					●●● ●●●			
直角台肩铣削 Right Angle Milling			JDMT 070202R 070204R 070208R EDMT 070220R-T 070220R	0.2 0.4 0.8 2.0 2.0	6.4 6.4 6.4 6.4 6.4	4.3 4.3 4.3 4.3 4.3	2.45 2.45 2.45 2.5 2.5		6 6 6 6 6	刀柄: (Toolholder) D11			●●● ●●● ●●● ●●● ●●●					●●● ●●● ●●●			
直角台肩铣削 Right Angle Milling			APKT 1003PDR-HM 1003PDTR-76 1003PDTR-RM 100308PDTR-RM 100310PDR-RM 100312TR-RM 100316PDTR-RM 100320PDTR-RM	0.5 0.5 0.5 0.8 1.0 1.2 1.6 2.0	10.95 11.00 11.00 11.00 10.75 10.50 10.90 10.90	6.7 6.7 6.7 6.7 6.7 6.7 6.7 6.7	3.55 3.47 3.47 3.47 3.47 3.47 3.47 3.47			刀柄: (Toolholder) D12			● ● ● ● ● ● ● ●	● ● ● ● ● ● ● ●			● ● ● ● ● ● ● ●				

切削形态: Cutting Environment ● 稳定切削 Stable Cutting ◐ 一般切削 General Cutting ✕ 不稳定切削 Unstable Cutting

			PCD	CBN-K	CBN-S	ZN60	ZK01	ZC32S	ZP201	ZP150	ZP152	ZP153	ZP163
P	钢	Steel		●	◐		◐	✕	✕	✕	◐	◐	●
M	不锈钢	Stainless Steel					◐	◐	◐	◐	◐	◐	◐
K	铸铁	Iron	●		◐		◐	✕	✕	✕			
N	铝/铜/镁/锌/塑料/木材	Aluminum/Copper/Magnesium/Zinc/Plastic/Wood	●			◐							
S	硬质合金/粉末冶金	Carbide/Powder Metallurgy	◐						✕	✕	◐	◐	◐
H	钛/高温合金/碳纤维	Titanium/Superalloy/Carbon Fiber	◐						✕	✕	◐	◐	◐

Application 用途	产品图片 Product Image	几何尺寸 Dimensioning	规格型号 Specification	尺寸 Dimension (mm) rε	A	B	T	L	a	配套刀柄 Matching Toolholder	PCD	CBN-K	CBN-S	ZN60	ZK01	ZC32S	ZP201	ZP150	ZP152	ZP153	ZP163
直角台肩铣削 Right Angle Milling	 铜铝非铁金属专用 Special for copper aluminum metal		APKT 1135PDER-G2 1604PDER-G2	0.8 0.8	11 16.5	6.35 9.525	3.5 4.76			刀柄: (Toolholder) D14-D16, D48,D52				● ●							
直角台肩铣削 Right Angle Milling	 铜铝非铁金属专用 Special for copper aluminum metal		APKT 160402-AL 160404-AL 160408-AL	0.2 0.4 0.8	16.5 16.5 16.5	9.525 9.525 9.525	4.76 4.76 4.76			刀柄: (Toolholder) D14-D16, D48,D52				● ● ●							
直角台肩铣削 Right Angle Milling	 铜铝非铁金属专用 Special for copper aluminum metal		APKT 113502 113504 113508 160402 160404 160408	0.2 0.4 0.8 0.2 0.4 0.8	11 11 11 16.5 16.5 16.5	6.35 6.35 6.35 9.525 9.525 9.525	3.5 3.5 3.5 4.76 4.76 4.76			刀柄: (Toolholder) D14-D16, D48,D52	● ● ● ● ● ●										
直角台肩铣削 Right Angle Milling	 铸铁及淬火超硬材料加工 Cast iron and hard to cut materials		APKT 113502 113504 113508 160402 160404 160408	0.2 0.4 0.8 0.2 0.4 0.8	11 11 11 16.5 16.5 16.5	6.35 6.35 6.35 9.525 9.525 9.525	3.5 3.5 3.5 4.76 4.76 4.76			刀柄: (Toolholder) D14-D16, D48,D52	●● ●● ●● ●● ●● ●●										
直角台肩铣削 Right Angle Milling	 通用加工 General processing		APMT 1135PDER-M2 1604PDER-M2	0.8 0.8	11 16.5	6.35 9.525	3.5 4.76			刀柄: (Toolholder) D14-D16, D48,D52				● ●			●●●● ●●●●				
直角台肩铣削 Right Angle Milling	 通用加工 General processing		APMT 1135PDER-H1 1135PDER-H2 1135PDER-H3 1135PDER-H4 1135PDER-H6 1604PDER-H1 1604PDER-H2 1604PDER-H3 1604PDER-H4 1604PDER-H6 1604PDER-H8	0.4 0.8 1.2 1.6 2.4 0.4 0.8 1.2 1.6 2.4 3.2	11 11 11 11 11 16.5 16.5 16.5 16.5 16.5 16.5	6.35 6.35 6.35 6.35 6.35 9.525 9.525 9.525 9.525 9.525 9.525	3.5 3.5 3.5 3.5 3.5 4.76 4.76 4.76 4.76 4.76 4.76			刀柄: (Toolholder) D14-D16, D48,D52				● ●			● ●●●● ● ● ● ● ● ● ● ● ●			
直角台肩铣削 Right Angle Milling	 通用加工 General processing		APMT 1135PDER-DU 1604PDER-DU	0.8 0.8	11 16.5	6.35 9.525	3.5 4.76			刀柄: (Toolholder) D14-D16, D48,D52				● ●			●●●●●● ●●●●●●				
直角台肩铣削 Right Angle Milling	 通用加工 General processing		APMT 1135PDER-KZ 1604PDER-KZ	0.8 0.8	11 16.5	6.35 9.525	3.5 4.76			刀柄: (Toolholder) D14-D16, D48,D52							●●●● ●●●●				
直角台肩铣削 Right Angle Milling	 通用加工 General processing		APMT 1135PDER-ZM 1604PDER-ZM	0.8 0.8	11 16.5	6.35 9.525	3.5 4.76			刀柄: (Toolholder) D14-D16, D48,D52							●●● ●●●				
直角台肩铣削 Right Angle Milling			R390- 11T304M-PM 11T308M-PM 11T316M-PM 11T331M-PM 170404M-PM 170408M-PM 170416M-PM 170431M-PM	0.4 0.8 1.6 3.1 0.4 0.8 1.6 3.1	10 10 10 10 15.7 15.7 15.7 15.7	6.8 6.8 6.8 6.8 9.6 9.6 9.6 9.6	3.59 3.59 3.59 3.59 4.76 4.76 4.76 4.76			刀柄: (Toolholder) D17-D18				●●●● ●●●● ●●● ●●●● ●●●● ●●●● ●●● ●●●			●● ●●		●●● ●●●		

刀杆刀盘

直角台肩立铣刀

圆角铣刀

球头铣刀

钻铣刀杆

倒角刀杆

玉米铣刀

三面刃槽刀

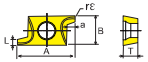
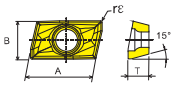
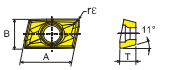
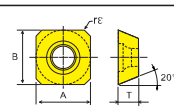
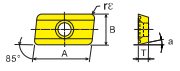
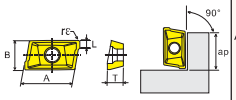
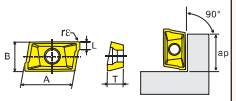
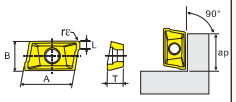
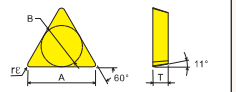
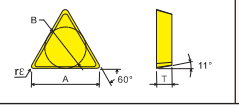
快进给系列

龙门平面铣刀

锁牙式刀柄

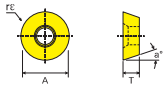
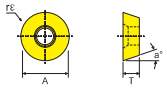
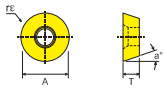
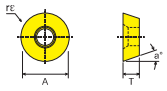
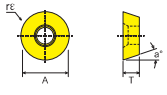
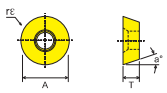
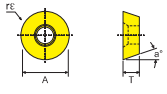
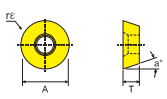
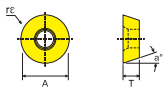
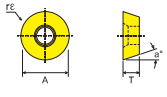
切削形态: Cutting Environment ● 稳定切削 Stable Cutting ◐ 一般切削 General Cutting ✕ 不稳定切削 Unstable Cutting

			RCD	CBN-K	CBN-S	ZN60	ZK01	ZC32S	ZP201	ZP150	ZP152	ZP153	ZP163
P	钢	Steel		◐	◐			✕	✕	✕	✕	◐	●
M	不锈钢	Stainless Steel			◐			●	●	●	●	●	◐
K	铸铁	Iron	●		◐		◐	✕	✕	✕	✕		
N	铝/铜/镁/锌/塑料/木材	Aluminum/Copper/Magnesium/Zinc/Plastic/Wood	●			◐							
S	硬质合金/粉末冶金	Carbide/Powder Metallurgy	●							✕	✕	◐	●
H	钛/高温合金/碳纤维	Titanium/Superalloy/Carbon Fiber	●							✕	✕	◐	●

Application 用途	产品图片 Product Image	几何尺寸 Dimensioning	规格型号 Specification	尺寸 Dimension (mm) rε	A	B	T	L	a	配套刀柄 Matching Toolholder	RCD	CBN-K	CBN-S	ZN60	ZK01	ZC32S	ZP201	ZP150	ZP152	ZP153	ZP163
直角台肩立铣刀 Face Milling			RT 070204R-81 100304R-81 100304R-31 100308R-81	0.4 0.4 0.4 0.8	6.4 11 11 11	4.3 6.35 6.35 6.35	2.38 3.4 3.4 3.4	1.3 1.8 1.8 1.8	1.5 2.1 2.1 2.1	刀柄: (Toolholder) D19-D20	●	●	●				●	●		●	
直角台肩立铣刀 Face Milling			XOMX 060208FR-E03 060208R-M05 090308FR-E05 120408TR-M06	0.8 0.8 0.8 0.8	6.94 6.94 10.8 11.41	4.09 4.09 6.35 8.18	2.45 2.45 3.65 4.15			刀柄: (Toolholder) D20							●	●		●	
直角台肩立铣刀 Face Milling			AOMT 123602PEER-M 123604PEER-M 123608PEER-M 123612PEER-M 123616PEER-M 123620PEER-M 123624PEER-M 123632PEER-M	0.2 0.4 0.8 1.2 1.6 2.0 2.4 3.2	12	6.6	3.6			刀柄: (Toolholder) D21										●	
直角台肩立铣刀 Face Milling			SEET 09T308PER-PF 09T308PER-PM 09T308PER-PR SEET 120308PER-PF 120308PER-PM 120308PER-PR	0.8 0.8 0.8 0.8 0.8 0.8	9.525 9.525 9.525 13.308 13.308 13.308	9.525 9.525 9.525 13.308 13.308 13.308	4.01 4.01 4.01 4.04 4.04 4.04			刀柄: (Toolholder) D22							●	●		●	
直角台肩立铣刀 Face Milling			APET 120202SR 120204SR 120208SR APNT 120208SR ADET 160302SR 160304SR 160308SR ADNT 160308SR	0.2 0.4 0.8 0.8 0.2 0.4 0.8 0.8	12.7 12.7 12.7 12.7 15.875 15.875 15.875 15.875	7.938 7.938 7.938 7.938 9.525 9.525 9.525 9.525	2.5 2.5 2.5 2.5 3.18 3.18 3.18 3.18		11° 11° 11° 11° 15° 15° 15° 15°	刀柄: (Toolholder) D23,D47				●		●		●		
直角台肩立铣刀 Face Milling			AXMT 0602PER-EM 060204R-EM 060208R-EM 060216R-EM	0.2 0.4 0.8 1.6	6 6 6 6	4.15 4.15 4.15 4.15	2.6 2.6 2.6 2.6	1.0 1.0 1.0 1.0	5.75 5.75 5.75 5.75	刀柄: (Toolholder) D24							●	●	●	●	
直角台肩立铣刀 Face Milling			AXMT 0903PER-ML 0903PER-EML 090308R-EML 090316R-ML 090320R-EML 090332R-EML	0.4 0.4 0.8 1.6 2.0 3.2	9.5 9.5 9.5 9.5 9.5 9.5	6.21 6.21 6.21 6.21 6.21 6.21	3.6 3.6 3.6 3.6 3.6 3.6	1.4 0.84 - - - -	8.8 8.8 8.8 8.8 8.8 8.8	刀柄: (Toolholder) D24							●	●	●	●	
直角台肩立铣刀 Face Milling	 铝专用 Special for Aluminum		AXCT 060202R-AL 060204R-AL 0903PER-AL	0.2 0.4 0.4	6 6 9.5	4.15 4.15 6.21	2.6 2.6 3.6	0.83 0.83 0.83	5.75 5.75 8.8	刀柄: (Toolholder) D24			●							
平面铣削/倒角加工 Face Milling / Chamfering			TPKN 110304 110308 160304 160308 220404 220408 220412 2204PDR	0.4 0.8 0.4 0.8 0.4 0.8 1.2 -	11 11 16.5 16.5 22 22 22 22	6.35 6.35 9.525 9.525 12.7 12.7 12.7 12.7	3.18 3.18 3.18 3.18 4.76 4.76 4.76 4.76			刀柄: (Toolholder) D25,D45							●	●	●	●	
平面铣削/倒角加工 Face Milling / Chamfering			TPMR 090204 110304 110308 160304 160308 160312 220412 330916	0.4 0.4 0.8 0.4 0.8 1.2 1.2 1.6	9.6 11 11 16.5 16.5 16.5 22 33	5.56 6.35 6.35 9.525 9.525 9.525 12.7 19.05	2.38 3.18 3.18 3.18 3.18 3.18 4.76 9.52			刀柄: (Toolholder) D25,D45							●	●	●	●	

切削形态: Cutting Environment ● 稳定切削 Stable Cutting ◐ 一般切削 General Cutting ✕ 不稳定切削 Unstable Cutting

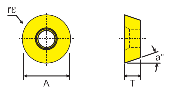
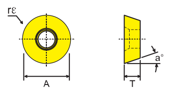
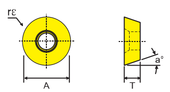
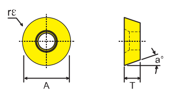
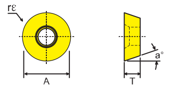
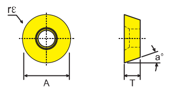
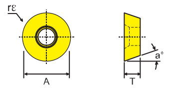
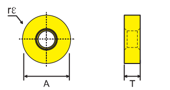
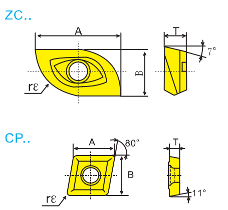
			RCD	CBN-K	CBN-S	ZN60	ZK01	ZC32S	ZP201	ZP150	ZP152	ZP153	ZP163
P	钢	Steel		●	◐			◐	✕	✕	✕	●	●
M	不锈钢	Stainless Steel			◐			●	●	●	●	●	◐
K	铸铁	Iron	●		◐		◐	✕	✕	✕	✕		
N	铝/铜/镁/锌/塑料/木材	Aluminum/Copper/Magnesium/Zinc/Plastic/Wood	●			◐							
S	硬质合金/粉末冶金	Carbide/Powder Metallurgy	●							✕	✕	◐	●
H	钛/高温合金/碳纤维	Titanium/Superalloy/Carbon Fiber	●							✕	✕	◐	●

Application 用途	产品图片 Product Image	几何尺寸 Dimensioning	规格型号 Specification	尺寸 Dimension (mm) rε	A	B	T	L	a	配套刀柄 Matching Toolholder	RCD	CBN-K	CBN-S	ZN60	ZK01	ZC32S	ZP201	ZP150	ZP152	ZP153	ZP163
圆角铣削加工 Face Milling			RPGT 08T2-AL 1003-AL 10T3-AL 1204-AL	4 5 5 6	8 10 10 12			2.78 3.15 3.97 4.76	11° 11° 11° 11°	刀柄: (Toolholder) D29-D30			●							
圆角铣削加工 Face Milling			RPEW 0802MO 1003MO 1003MO-DU 1204MOF	4 5 5 6	8 10 10 12			2.38 3.15 3.97 4.76	11° 11° 11° 11°	刀柄: (Toolholder) D29-D30		●	●		●	●	●	●	●	●
圆角铣削加工 Face Milling			RPKT 10T3MOF 1204MOF	5 6	10 12			3.97 4.76	11° 11°	刀柄: (Toolholder) D29-D30							●	●	●	●	
圆角铣削加工 Face Milling			RPKT 10T3MOT 1204MOT	5 6	10 12			3.97 4.76	11° 11°	刀柄: (Toolholder) D29-D30							●	●	●	●	
圆角铣削加工 Face Milling			RPMT 08T2MOE-JS 1003MOE-JS 10T3MOE-JS 1204MOE-JS	4 5 5 6	8 10 10 12			2.78 3.18 3.97 4.76	11° 11° 11° 11°	刀柄: (Toolholder) D29-D30			●	●	●	●	●	●	●	●
圆角铣削加工 Face Milling			RPMT 10T3MO-DU 1204MO-DU	5 6	10 12			3.97 4.76	11° 11°	刀柄: (Toolholder) D29-D30							●	●	●	●	
圆角铣削加工 Face Milling			RPMT 08T2MO-GH 10T3MO-GH 1204MO-GH	4 5 6	8 10 12			2.78 3.97 4.76	11° 11° 11°	刀柄: (Toolholder) D29-D30							●	●	●	●	
圆角铣削加工 Face Milling			RCGT 0602-AL 0803-AL 1003-AL 10T3-AL 1204-AL	3 4 5 5 6	6 8 10 10 12			2.38 3.15 3.15 3.97 4.76	7° 7° 7° 7° 7°	刀柄: (Toolholder) D32			●							
圆角铣削加工 Face Milling			RCKT 10T3MO-PM 1204MO-PM 1606MO-PM 2006MO-PM	5 6 8 10	10 12 16 20			3.97 4.76 6.35 6.35	7° 7° 7° 7°	刀柄: (Toolholder) D32							●	●	●	●	
圆角铣削加工 Face Milling			RCKT 10T3MO-PR 1204MO-PR 1606MO-PR 2006MO-PR	5 6 8 10	10 12 16 20			3.97 4.76 6.35 6.35	7° 7° 7° 7°	刀柄: (Toolholder) D32							●	●	●	●	

铣刀片 | 机夹式铣削刀片 CNC Milling Inserts

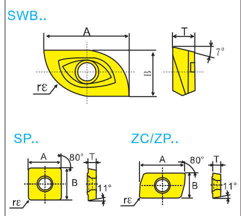
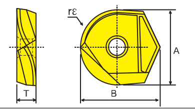
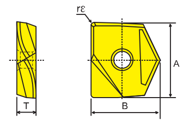
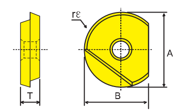
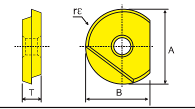
切削形态: Cutting Environment　● 稳定切削 Stable Cutting　◐ 一般切削 General Cutting　✖ 不稳定切削 Unstable Cutting

			PCD	CBN-K	CBN-S	ZN60	ZK01	ZC32S	ZP201	ZP150	ZP152	ZP153	ZP163
P	钢	Steel			●	◐		◐	✖	✖	✖	◐	●
M	不锈钢	Stainless Steel				◐		◐	✖	✖	✖	◐	●
K	铸铁	Iron		●		◐		◐	✖	✖	✖		
N	铝/铜/镁/锌/塑料/木材	Aluminum/Copper/Magnesium/Zinc/Plastic/Wood	●				◐						
S	硬质合金/粉末冶金	Carbide/Powder Metallurgy	●							✖	✖	◐	●
H	钛/高温合金/碳纤维	Titanium/Superalloy/Carbon Fiber	●							✖	✖	◐	●

用途 Application	产品图片 Product Image	几何尺寸 Dimensioning	规格型号 Specification	尺寸 Dimension (mm) rε	A	B	T	L	a	配套刀柄 Matching Toolholder	PCD	CBN-K	CBN-S	ZN60	ZK01	ZC32S	ZP201	ZP150	ZP152	ZP153	ZP163
圆角铣削加工 Fillet milling			RCMT 0803MO	4	8			3.18	7°	刀柄：(Toolholder) D32							●		●	●	
			1003MO	5	10			3.18	7°								●		●	●	
			10T3MO	5	10			3.97	7°								●		●	●	
			1204MO	6	12			4.76	7°								●		●	●	
			1606MO	8	16			6.35	7°								●		●	●	
			2006MO	10	20			6.35	7°								●		●	●	
圆角铣削加工 Fillet milling			RCMX 0803MO	4	8			3.18	7°	刀柄：(Toolholder) D32							●		●	●	
			1003MO	5	10			3.18	7°								●		●	●	
			10T3MO	5	10			3.97	7°								●		●	●	
			1204MO	6	12			4.76	7°								●		●	●	
			1606MO	8	16			6.35	7°								●		●	●	
			2006MO	10	20			6.35	7°								●		●	●	
			2507MO	12.5	25			7.94	7°								●		●	●	
			3209MO	16	32			9.52	7°								●		●	●	
圆角铣削加工 Fillet milling				2.5	5			1.59	15°	刀柄：(Toolholder) D34-D35						●		●		●	
				3.5	7			2.38	15°							●		●		●	
				4	8			3.15	15°							●		●		●	
				5	10			3.97	15°							●		●		●	
				6	12			4.76	15°							●		●		●	
				8	16			4.76	15°							●		●		●	
				8	16			5.56	15°							●		●		●	
				8	16			6.35	15°							●		●		●	
				10	20			6.35	15°							●		●		●	
圆角铣削加工 Fillet milling				5	10			3.97	15°	刀柄：(Toolholder) D34-D35						●		●		●	
				6	12			4.76	15°							●		●		●	
				8	16			6.35	15°							●		●		●	
				10	20			6.35	15°							●		●		●	
圆角铣削加工 Fillet milling				5	10			3.97	15°	刀柄：(Toolholder) D34-D35								●		●	
				6	12			4.76	15°									●		●	
圆角铣削加工 Fillet milling			RDMW 10T3MOT-PM	5	10			3.97	15°	刀柄：(Toolholder) D34-D35							●	●	●	●	
			1204MOT-PM	6	12			4.76	15°								●	●	●	●	
			1605MOT-PM	8	16			5.56	15°								●	●	●	●	
圆角铣削加工 Fillet milling			RDMT 10T3MO	5	10			3.97	15°	刀柄：(Toolholder) D34-D35							●	●	●	●	
			1204MO	6	12			4.76	15°								●	●	●	●	
平面铣削加工 Surface milling			RNGJ 1204M0ELD	6	12			4.75		刀柄：(Toolholder) D36							●	●	●	●	
			1204M0SGD														●	●	●	●	
			1204M0SHD														●	●	●	●	
球头仿形粗铣加工 Rough milling of ball head profiling		ZC.. CP.. 	ZCET 080CE 主刃	8	15.6	7.9	3.97			刀柄：(Toolholder) D37							●	●	●	●	
			ZCET 100CE	10	18.3	10	4.74										●	●	●	●	
			ZCEW 100CE	10	18.3	10	4.74										●	●	●	●	
			ZCET 125CE	12.5	23.1	12.3	6.1										●	●	●	●	
			ZCEW 125CE	12.5	23.1	12.3	6.1										●	●	●	●	
			ZCET 150CE	15	28.3	14.9	7.59										●	●	●	●	
			ZCEW 150CE	15	28.3	14.9	7.59										●	●	●	●	
			ZCET 160CE	16	28.8	15.4	7.45										●	●	●	●	
			ZCEW 200CE	20	35.4	20.1	8.0										●	●	●	●	
			ZCET 080SE 副刃	8	16.8	5.9	3.43										●	●	●	●	
			ZCET 100SE	10	16.7	8.1	4.24										●	●	●	●	
			ZCEW 100SE	10	16.7	8.1	4.24										●	●	●	●	
			ZCET 125SE	12.5	20.8	9.3	5.4										●	●	●	●	
			ZCEW 125SE	12.5	20.8	9.3	5.4										●	●	●	●	
			ZCET 150SE	15	25.7	11.8	7.09										●	●	●	●	
			ZCEW 150SE	15	25.7	11.8	7.09										●	●	●	●	
			ZCET 160SE	16	26.3	12.4	6.96										●	●	●	●	
			ZCEW 200SE	20	31.9	15.7	7.0										●	●	●	●	
			CPMT 080204 外周刃	0.4	7.94	7.94	2.38										●	●	●	●	
			CPMT 090308	0.8	9.525	9.525	3.18										●	●	●	●	

切削形态: Cutting Environment　● 稳定切削 Stable Cutting　◐ 一般切削 General Cutting　✖ 不稳定切削 Unstable Cutting

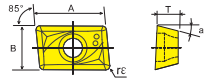
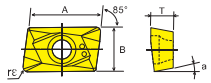
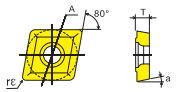
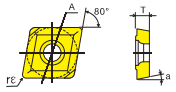
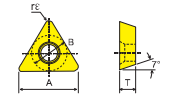
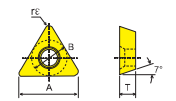
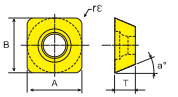
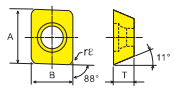
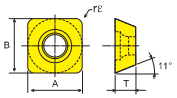
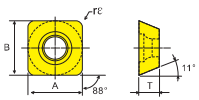
			PCD	CBN-K	CBN-S	ZN60	ZK01	ZC32S	ZP201	ZP150	ZP152	ZP153	ZP163
P	钢	Steel			●	◐		◐	✖	✖	✖	◐	●
M	不锈钢	Stainless Steel				◐		◐	✖	✖	✖	◐	●
K	铸铁	Iron		●		◐		◐	✖	✖	✖		
N	铝/铜/镁/锌/塑料/木材	Aluminum/Copper/Magnesium/Zinc/Plastic/Wood	●				◐						
S	硬质合金/粉末冶金	Carbide/Powder Metallurgy	●							✖	✖	◐	●
H	钛/高温合金/碳纤维	Titanium/Superalloy/Carbon Fiber	●							✖	✖	◐	●

用途 Application	产品图片 Product Image	几何尺寸 Dimensioning	规格型号 Specification	尺寸 Dimension (mm) rε	A	B	T	L	a	配套刀柄 Matching Toolholder	PCD	CBN-K	CBN-S	ZN60	ZK01	ZC32S	ZP201	ZP150	ZP152	ZP153	ZP163
球头仿形粗铣加工 Rough milling of ball head profiling		SWB.. SP.. ZC/ZP.. 	SWB 216HM 主刃	8	15	7.9	3			刀柄：(Toolholder) D38									●	●	
			220HM	10	15.8	9.9	3.65												●	●	
			225HM	12.5	18.5	12.4	3.8												●	●	
			230HM	15	22.2	14.8	5.35												●	●	
			232HM	16	26	16	5.35												●	●	
			240HM	20	30.4	20.8	6.85												●	●	
			250HM	25	34.4	25.7	7												●	●	
			216HS 副刃	8	16.1	6.6	3												●	●	
			220HS	10	20	8.2	3.65												●	●	
			225HS	12.5	23.8	10.5	3.8												●	●	
			230HS	15	27.5	12.3	5.35												●	●	
			232HS	16	31.7	13.9	5.35												●	●	
			240HS	20	37.5	16.3	6.85												●	●	
			250HS	25	42.6	20.8	7												●	●	
			SPGA 090304 外周刃	0.4	9.525	9.525	3.18												●	●	
			SPMA 090304	0.4	9.525	9.525	3.18												●	●	
			IM-SP 32GS	0.8	9.525	9.525	3.18												●	●	
			ZCMT 100308R	0.8	10.4	6.35	3.4												●	●	
			ZPMT 100308ZER	0.8	10	6	3.2												●	●	
球头仿形精铣加工 Finish milling of ball head profiling			ZPFG 080	4	8	9.7	2.1			刀柄：(Toolholder) D39	●	●	●		●		●	●	●	●	●
			100	5	10	12.1	2.7				●	●	●		●		●	●	●	●	●
			120	6	12	14.6	3.2				●	●	●		●		●	●	●	●	●
			160	8	16	16.6	4.2				●	●	●		●		●	●	●	●	●
			200	10	20	20.3	5.2				●	●	●		●		●	●	●	●	●
			250	12.5	25	24.1	6.2				●	●	●		●		●	●	●	●	●
			300	15	30	29.2	7.2				●	●	●		●		●	●	●	●	●
			320	16	32	30.2	7.2				●	●	●		●		●	●	●	●	●
直角台肩精铣加工 Right angle shoulder finish milling			ZCFW 080-R0.3	0.3	8	9.7	2.1			刀柄：(Toolholder) D39	●	●	●		●		●	●	●	●	●
			100-R0.3	0.3	10	12.1	2.7				●	●	●		●		●	●	●	●	●
			100-R0.5	0.5	10	12.1	2.7				●	●	●		●		●	●	●	●	●
			100-R1.0	1.0	10	12.1	2.7				●	●	●		●		●	●	●	●	●
			120-R0.3	0.3	12	14.6	3.2				●	●	●		●		●	●	●	●	●
			120-R0.5	0.5	12	14.6	3.2				●	●	●		●		●	●	●	●	●
			120-R1.0	1.0	12	14.6	3.2				●	●	●		●		●	●	●	●	●
			160-R0.3	0.3	16	16.6	4.2				●	●	●		●		●	●	●	●	●
			160-R0.5	0.5	16	16.6	4.2				●	●	●		●		●	●	●	●	●
			160-R1.0	1.0	16	16.6	4.2				●	●	●		●		●	●	●	●	●
			160-R1.5	1.5	16	16.6	4.2				●	●	●		●		●	●	●	●	●
			160-R2.0	2.0	16	16.6	4.2				●	●	●		●		●	●	●	●	●
			200-R0.3	0.3	20	19.9	5.2				●	●	●		●		●	●	●	●	●
			200-R0.5	0.5	20	19.9	5.2				●	●	●		●		●	●	●	●	●
			200-R1.0	1.0	20	19.9	5.2				●	●	●		●		●	●	●	●	●
			200-R1.5	1.5	20	19.9	5.2				●	●	●		●		●	●	●	●	●
			200-R2.0	2.0	20	19.9	5.2				●	●	●		●		●	●	●	●	●
			250-R0.3	0.3	25	22.6	6.2				●	●	●		●		●	●	●	●	●
			250-R0.5	0.5	25	22.6	6.2				●	●	●		●		●	●	●	●	●
			250-R1.0	1.0	25	22.6	6.2				●	●	●		●		●	●	●	●	●
			250-R1.5	1.5	25	22.6	6.2				●	●	●		●		●	●	●	●	●
			250-R2.0	2.0	25	22.6	6.2				●	●	●		●		●	●	●	●	●
			300-R0.3	0.3	30	27.2	7.2				●	●	●		●		●	●	●	●	●
			300-R0.5	0.5	30	27.2	7.2				●	●	●		●		●	●	●	●	●
			300-R1.0	1.0	30	27.2	7.2				●	●	●		●		●	●	●	●	●
			320-R0.3	0.3	32	28.2	7.2				●	●	●		●		●	●	●	●	●
			320-R0.5	0.5	32	28.2	7.2				●	●	●		●		●	●	●	●	●
			320-R1.0	1.0	32	28.2	7.2				●	●	●		●		●	●	●	●	●
球头仿形精铣加工 Finish milling of ball head profiling			BNM 060	3	6	5	2			刀柄：(Toolholder) D40	●	●	●		●		●	●	●	●	●
			070	3.5	7	5.5	2				●	●	●		●		●	●	●	●	●
			080	4	8	7	2.4				●	●	●		●		●	●	●	●	●
			100	5	10	8.5	2.6				●	●	●		●		●	●	●	●	●
			110	5.5	11	9	2.6				●	●	●		●		●	●	●	●	●
			120	6	12	10	3				●	●	●		●		●	●	●	●	●
			160	8	16	12	4				●	●	●		●		●	●	●	●	●
			200	10	20	15	5				●	●	●		●		●	●	●	●	●
			250	12.5	25	18.5	6				●	●	●		●		●	●	●	●	●
			300	15	30	22.5	7				●	●	●		●		●	●	●	●	●
			320	16	32	23.5	7				●	●	●		●		●	●	●	●	●
球头仿形精铣加工 Finish milling of ball head profiling			P3200- D08	4	8	7	2.4			刀柄：(Toolholder) D42	●	●	●		●		●	●	●	●	●
			D10	5	10	8.5	2.6				●	●	●		●		●	●	●	●	●
			D12	6	12	10	3				●	●	●		●		●	●	●	●	●
			D16	8	16	12	4				●	●	●		●		●	●	●	●	●
			D20	10	20	15	5				●	●	●		●		●	●	●	●	●
			D25	12.5	25	18.5	6				●	●	●		●		●	●	●	●	●
			D30	15	30	22.5	7				●	●	●		●		●	●	●	●	●
			D32	16	32	23.5	7				●	●	●		●		●	●	●	●	●

刀杆刀盘
直角台肩立铣刀
圆角铣刀
球头铣刀
钻铣刀杆
倒角刀杆
玉米铣刀
三面刃槽刀
快进给系列
龙门平面铣刀
锁牙式刀柄

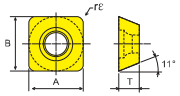
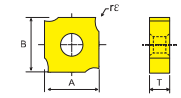
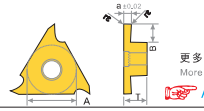
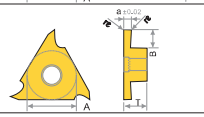
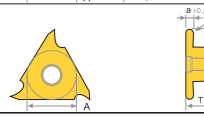
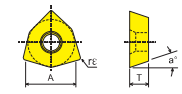
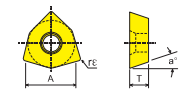
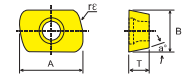
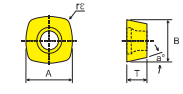
切削形态: Cutting Environment ● 稳定切削 Stable Cutting ● 一般切削 General Cutting ✕ 不稳定切削 Unstable Cutting

			PCD	CBN-K	CBN-S	ZN60	ZK01	ZC32S	ZP201	ZP150	ZP152	ZP153	ZP163
P	钢	Steel		●	●			✕	✕	✕	✕	●	●
M	不锈钢	Stainless Steel			○		○	●	●	●	●	○	○
K	铸铁	Iron	●		○		○	✕	✕	✕			
N	铝/铜/镁/锌/塑料/木材	Aluminum/Copper/Magnesium/Zinc/Plastic/Wood	●			●							
S	硬质合金/粉末冶金	Carbide/Powder Metallurgy	●						✕	✕	●	●	●
H	钛/高温合金/碳纤维	Titanium/Superalloy/Carbon Fiber	●						✕	✕	●	●	●

Application 用途	产品图片 Product Image	几何尺寸 Dimensioning	规格型号 Specification	尺寸 Dimension (mm) rε	A	B	T	L	a	配套刀柄 Matching Toolholder	PCD	CBN-K	CBN-S	ZN60	ZK01	ZC32S	ZP201	ZP150	ZP152	ZP153	ZP163
平面铣削/倒角加工 Face milling / chamfering		 底刃	ADMT 080308L 100308L 12T308L APMT 160408L 170408L 190508L 250508L	0.8 0.8 0.8 0.8 0.8 0.8 0.8	7.8 10.4 12.6 16.45 17.6 19.6 25.4	6.2 6.35 7.93 9.53 9.53 10 11	3.0 3.18 3.9 4.76 4.76 5.0 5.5		15 15 15 11 11 11 11	刀柄: (Toolholder) D43				●		●	●	●	●	●
平面铣削/倒角加工 Face milling / chamfering		 外周刃	APMT 090208R ACMT 100308R APMT 100320R 12T308R 12T320R 12T330R 150408R 150430R	0.8 0.8 2.0 0.8 2.0 3.0 0.8 3.0	9.1 10.1 10.1 13.14 13.14 13.14 15.88 15.88	5.1 6.35 6.35 7.93 7.93 7.93 9.53 9.53	2.6 3.4 3.4 3.9 3.9 3.9 4.76 4.76		11 7 7 11 11 11 11 11	刀柄: (Toolholder) D43				●		●	●	●	●	●
平面铣削/倒角加工 Face milling / chamfering			CCMT 060204 09T304 09T308 CPMT 090308 120408 120430	0.4 0.4 0.8 0.8 0.8 3.0	6.35 9.525 9.525 9.525 12.7 12.7		2.38 3.9 3.9 3.15 4.76 4.76			刀柄: (Toolholder) D43-44	●	●	●	●	●	●	●	●	●	●
平面铣削/倒角加工 Face milling / chamfering			CPMT 080204Z 090204Z 120308Z 160408Z 160430Z 190408Z 190430Z	0.4 0.4 0.8 0.8 3.0 0.8 3.0	7.94 9.525 12.7 15.875 15.875 19.05 19.05		2.38 2.38 3.15 4.76 4.76 4.76 4.76			刀柄: (Toolholder) D43-44				●		●	●	●	●	●
定位定点倒角加工 Positioning point chamfering			TCMX 090204 110204 16T304	0.4 0.4 0.4	8.6 10 15.5	5.56 6.35 9.525	2.38 2.38 2.38			刀柄: (Toolholder) D45				●		●	●	●	●	●
倒角加工 chamfering			TCMT 090204 110204 16T304	0.4 0.4 0.4	8.6 10 15.5	5.56 6.35 9.525	2.38 2.38 2.38			刀柄: (Toolholder) D46				●		●	●	●	●	●
直角台肩铣削 Right angle milling			SPMW 090304 SDMB 26152	0.4 0.4	9.525 8.3	9.525 8.3	3.18 2.5		11° 15°	刀柄: (Toolholder) D47				●		●	●	●	●	●
铣削刀片 Milling inserts			APKT 150412-PM 150412-KM LPMT 150412-PM 150412-KM	1.2 1.2 1.2 1.2	16.33 16.33 16.33 16.33	12.7 12.7 12.7 12.7	4.76 4.76 4.76 4.76			刀柄: (Toolholder) D53-D54				●		●	●	●	●	●
铣削刀片 Milling inserts			SPMT 120408-PM 120408-KM	0.8 0.8	12.7 12.7	12.7 12.7	4.76 4.76			刀柄: (Toolholder) D53-D54				●		●	●	●	●	●
铣削刀片 Milling inserts			MPHT 060304-DM 080305-DM 120408-DM	0.4 0.5 0.8	6.35 8.3 12.7	6.35 8.3 12.7	3.18 3.18 4.76			刀柄: (Toolholder) D57-D58				●		●	●	●	●	●

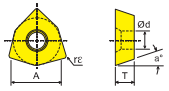
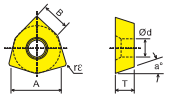
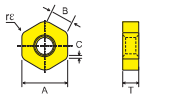
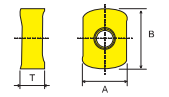
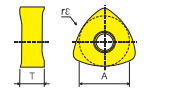
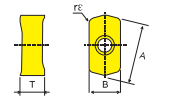
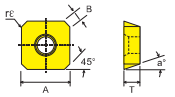
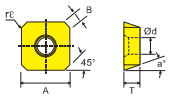
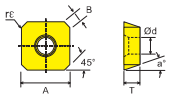
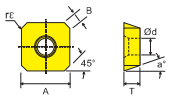
切削形态: Cutting Environment ● 稳定切削 Stable Cutting ● 一般切削 General Cutting ✕ 不稳定切削 Unstable Cutting

			PCD	CBN-K	CBN-S	ZN60	ZK01	ZC32S	ZP201	ZP150	ZP152	ZP153	ZP163
P	钢	Steel		●	●			✕	✕	✕	✕	●	●
M	不锈钢	Stainless Steel			○		○	●	●	●	●	○	○
K	铸铁	Iron	●		○		○	✕	✕	✕			
N	铝/铜/镁/锌/塑料/木材	Aluminum/Copper/Magnesium/Zinc/Plastic/Wood	●			●							
S	硬质合金/粉末冶金	Carbide/Powder Metallurgy	●						✕	✕	●	●	●
H	钛/高温合金/碳纤维	Titanium/Superalloy/Carbon Fiber	●						✕	✕	●	●	●

Application 用途	产品图片 Product Image	几何尺寸 Dimensioning	规格型号 Specification	尺寸 Dimension (mm) rε	A	B	T	L	a	配套刀柄 Matching Toolholder	PCD	CBN-K	CBN-S	ZN60	ZK01	ZC32S	ZP201	ZP150	ZP152	ZP153	ZP163
铣削刀片 Milling inserts			SPMG 050204-TT 060204-TT 07T308-TT 090408-TT 110408-TT 140512-TT	0.4 0.4 0.8 0.8 0.8 1.2	5.0 6.0 7.94 9.8 11.5 14.3	5.0 6.0 7.94 9.8 11.5 14.3	2.38 2.38 3.97 4.30 4.8 5.0			刀柄: (Toolholder) D59-D60				●		●	●	●	●	●
铣削刀片 Milling inserts			XSEQ 1202 1203 12T3 1204 12T4		12.7 12.7 12.7 12.7 12.7	12.7 12.7 12.7 12.7 12.7	2.3 3.0 3.5 4.0 4.5			刀柄: (Toolholder) D61-D62						●		●	●	●
切槽刀片 Grooving inserts		 更多规格 More Type A25	TGF32L 150 200 250 300 350	0.1 0.15 0.15 0.15 0.15		16	2.0 2.8 2.8 2.8 2.8	3.18	1.5 2.0 2.5 3.0 3.5	刀柄: (Toolholder) D55-D56				●		●		●	●	●
切槽刀片 Grooving inserts		更多规格 More Type A25	TGF32L 150-R0.75 200-R1.0 250-R1.25 300-R1.5	0.75 1.0 1.25 1.5		16	2.0 2.8 2.8 2.8	3.18	R0.75 R1.0 R1.25 R1.5	刀柄: (Toolholder) D55-D56				●		●		●	●	●
切槽刀片 Grooving inserts			TT43L 200 250 300 350 400 500	0.2 0.2 0.2 0.2 0.2 0.2		22	4.8	5.0	2.0 2.5 3.0 3.5 4.0 5.0	刀柄: (Toolholder) D55-D56				●		●		●	●	●
切槽刀片 Grooving inserts			TT43L 200-R1.0 250-R1.25 300-R1.5 350-R1.75 400-R2.0 500-R2.5	1.0 1.25 1.5 1.75 2.0 2.5		22	4.8	5.0	R1.0 R1.25 R1.5 R1.75 R2.0 R2.5	刀柄: (Toolholder) D55-D56				●		●		●	●	●
高进给铣削加工 High feed milling			JOMW 06T215ZZSR-FT 080320ZZSR-FT JDMW 09T320ZDSR-FT 120420ZDSR-FT 140520ZDSR-FT	1.5 2.0 2.0 2.0 2.0	6.35 8.0 9.525 12.0 14.0	2.78 3.18 3.97 4.76 5.56	13° 13° 15° 15° 15°			刀柄: (Toolholder) D63-D64								●	●	●
高进给铣削加工 High feed milling			JOMT 06T215ZZSR-JM 080320ZZSR-JM JDMT 09T320ZDSR-JM 120420ZDSR-JM 140520ZDSR-JM	1.5 2.0 2.0 2.0 2.0	6.35 8.0 9.525 12.0 14.0	2.78 3.18 3.97 4.76 5.56	13° 13° 15° 15° 15°			刀柄: (Toolholder) D63-D64								●	●	●
高进给铣削加工 High feed milling			EPNW 0603TN-8 EPMT 0603TN-8 EDNW 12T3TN-10 EDMT 12T3TN-10	8 8 10 10	10 12 10 12	6.35 6.35 10 10	3.18 3.18 3.97 3.97		11° 11° 15° 15°	刀柄: (Toolholder) D65-D66								●	●	●
高进给铣削加工 High feed milling			EPNW 0803TN-10 EDNW 10T3TN-10 SDNW 1205ZDTN-R15 SDMT 1205ZDTN-R15 EDNW 13T4TN-10 13T4TN-15 SDNW 1505ZDTN-R15 SDMT 1505ZDTN-R15 螺纹系列 1505ZDTN-C15	10 10 15 15 10 15 15 15 15	8.1 10 12.7 12.7 13.5 13.5 15.875 15.875 15.875	8.1 10 12.7 12.7 13.5 13.5 15.875 15.875 15.875	3.18 3.97 5.56 5.56 5.56 5.56 5.56 5.56 5.56		11° 15° 15° 15° 15° 15° 15° 15° 15°	刀柄: (Toolholder) D65-D66								●	●	●

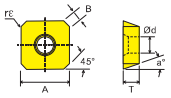
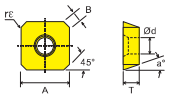
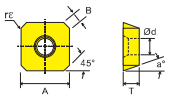
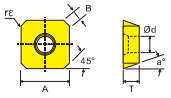
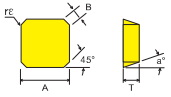
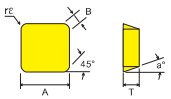
切削形态: Cutting Environment ● 稳定切削 Stable Cutting ◐ 一般切削 General Cutting ✕ 不稳定切削 Unstable Cutting

			PCD	CBN-K	CBN-S	ZN60	ZK01	ZC32S	ZP201	ZP150	ZP152	ZP153	ZP163
P	钢	Steel		●	◐			◐	✕	✕	✕	◐	●
M	不锈钢	Stainless Steel					◐		◐	◐	◐	◐	◐
K	铸铁	Iron		●		◐		◐	✕	✕	✕		
N	铝/铜/镁/锌/塑料/木材	Aluminum/Copper/Magnesium/Zinc/Plastic/Wood	●				◐						
S	硬质合金/粉末冶金	Carbide/Powder Metallurgy	◐							✕	✕	◐	◐
H	钛/高温合金/碳纤维	Titanium/Superalloy/Carbon Fiber	◐							✕	✕	◐	◐

Application 用途	产品图片 Product Image	几何尺寸 Dimensioning	规格型号 Specification	尺寸 Dimension (mm) rε	A	B	T	L	a	配套刀柄 Matching Toolholder	PCD	CBN-K	CBN-S	ZN60	ZK01	ZC32S	ZP201	ZP150	ZP152	ZP153	ZP163
高进给铣削加工 High Feed Milling			WOMW 04T215ZER WDMW 050316ZER 050316ZTR 06T320ZER 06T320ZTR 080520ZER 080520ZTR 10X620ZER 10X620ZTR	1.5 1.6 1.6 2.0 2.0 2.0 2.0 2.0 2.0	6.5 8 8 10 10 13 13 16 16	2.8 3.2 3.2 3.97 3.97 5.5 5.5 6 6	13° 13° 13° 13° 13° 13° 13° 13° 13°			刀柄: (Toolholder) D67-D68				•			•	•	•	•
高进给铣削加工 High Feed Milling			WPGT 050315ZSR 060415ZSR 080615ZSR 090725ZSR 050315ZSR-PM 060415ZSR-PM 080615ZSR-PM 090725ZSR-PM	1.5 1.5 1.5 2.5 1.5 1.5 1.5 2.5	7.94 9.525 12.85 15 7.94 9.525 12.85 15	6 	3.5 4.2 6.35 7.0 3.5 4.2 6.35 7.0	11° 11° 11° 11° 11° 11° 11° 11°		刀柄: (Toolholder) D69				•			•	•	•	•
平面铣削加工 Surface Milling			HNGX 0906ANSN-M 0906ANSN-R	1.2	15.88	9	1.8	5.56		刀柄: (Toolholder) D70							•	•	•	•	•
高进给铣削加工 High Feed Milling			BLMP 0603R-M	-	6.39	9	3.73			刀柄: (Toolholder) D71							•	•	•	•	•
高进给铣削加工 High Feed Milling			BLMP 1205R-M	15	12	-	5.5			刀柄: (Toolholder) D71							•	•	•	•	•
高进给铣削加工 High Feed Milling			LNMU 0303ZER-MJ 0303ZER-ML	1.2 1.2	11.59 11.59	6.0 6.0	4.29 4.29			刀柄: (Toolholder) D72							•	•	•	•	•
平面铣削加工 Surface Milling			SEET 13T3AGEN-JL SEMT 13T3AGSN-JH 13T3AGSN-JM	1.5	13.4	1.9	3.97	20°		刀柄: (Toolholder) D73			•	•	•		•	•	•	•	•
平面铣削加工 Surface Milling			SEET 12T3-DF 轻切削 12T3-CF 12T3-EF 中切削 12T3-DM 12T3-CM 12T3-EM 重切削 12T3-DR 12T3-CR 偏铣面 12T3-LH	-	13.4	2.55	3.97	4.1	20°	刀柄: (Toolholder) D74					-		•	•	•	•	•
平面铣削加工 Surface Milling			SECA 1204AFSN 1204AFTN	- -	12.7 12.7	2.66 2.66	4.76 4.76	5.56 5.56	20° 20°	刀柄: (Toolholder) D75							•	•	•	•	•
平面铣削加工 Surface Milling			SEKT 1204AFTN	-	12.7	2.66	4.76	5.56	20°	刀柄: (Toolholder) D75							•	•	•	•	•

切削形态: Cutting Environment ● 稳定切削 Stable Cutting ◐ 一般切削 General Cutting ✕ 不稳定切削 Unstable Cutting

			PCD	CBN-K	CBN-S	ZN60	ZK01	ZC32S	ZP201	ZP150	ZP152	ZP153	ZP163
P	钢	Steel						●	◐	◐	✕	✕	●
M	不锈钢	Stainless Steel					◐		◐	◐	◐	◐	◐
K	铸铁	Iron		●		◐		◐	✕	✕	✕		
N	铝/铜/镁/锌/塑料/木材	Aluminum/Copper/Magnesium/Zinc/Plastic/Wood	●				◐						
S	硬质合金/粉末冶金	Carbide/Powder Metallurgy	◐							✕	✕	◐	◐
H	钛/高温合金/碳纤维	Titanium/Superalloy/Carbon Fiber	◐							✕	✕	◐	◐

Application 用途	产品图片 Product Image	几何尺寸 Dimensioning	规格型号 Specification	尺寸 Dimension (mm) rε	A	B	T	L	a	配套刀柄 Matching Toolholder	PCD	CBN-K	CBN-S	ZN60	ZK01	ZC32S	ZP201	ZP150	ZP152	ZP153	ZP163
平面铣削加工 Surface Milling			SEHT 1204AFSN	-	12.7	2.66	4.76	5.56	20°	刀柄: (Toolholder) D75							•	•	•	•	
平面铣削加工 Surface Milling			SEHT 1204-AK	-	12.7	2.66	4.76	5.56	20°	刀柄: (Toolholder) D75								•			
平面铣削加工 Surface Milling			SEHT 1204	-	12.7	2.66	4.76	5.56	20°	刀柄: (Toolholder) D75	•										
平面铣削加工 Surface Milling			SEHT 1204	-	12.7	2.66	4.76	5.56	20°	刀柄: (Toolholder) D75	•	•									
平面铣削加工 Surface Milling			SDKN 1203AETN 1504AETN SEEN 1203AFTN1 1504AFTN1 SEKN 1203AFTN1 1504AFTN1 SPKN 1203EDR	- - 1.0 1.0 - - -	12.7 15.875 12.7 15.875 12.7 15.875 12.7	1.7 1.7 1.4 1.4 1.4 1.4 1.4	3.18 4.76 3.18 4.76 3.18 4.78 3.18	15° 15° 20° 20° 20° 20° 11°		刀柄: (Toolholder) D77-D78	•	•	•				•	•	•	•	•
平面铣削加工 Surface Milling			SEKR 1203AFEN-JS 1504AFEN-JS	1.0 1.0	12.7 15.875	1.4 1.4	3.18 4.76	20° 20°		刀柄: (Toolholder) D77-D78			•	•			•	•	•	•	•