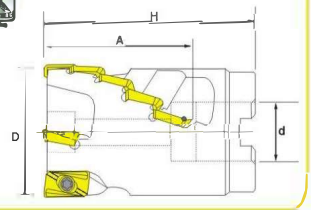
APC玉米型粗铣刀盘
APC Shell type tough cutting end mills





- 高效能型粗銑刀，能加工深孔。
- 尺寸可由刀杆隨意變換深度，發揮最大效能。

★ High-performance-based rough milling,deep hole can be processed.
★ Arbor size can be arbitrarily change the depth of maximum efficiency.



型号 Cat.No	⚙	尺寸 Size				刀片 Insert	螺钉 Clamp screw	扳手 wrench
		D	d	A	H			
APC-50-22-45L	9	50	22	45	64	APKT1604	M4	T15
APC-63-25.4-45L	12	63	25.4	45	64			
APC-63-25.4-68L	20	63	25.4	68	90			

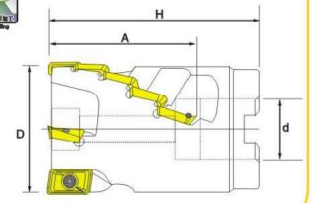
SPC玉米型粗铣刀盘
SPC shell type tough cutting end mills





- 高效能型粗銑刀，能加工深孔。
- 尺寸可由刀杆隨意變換深度，發揮最大效能。

★ High-performance-based rough milling,deep hole can be processed.
★ Arbor size can be arbitrarily change the depth of maximum efficiency.



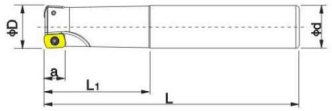
型号 Cat.No	⚙	尺寸 Size				刀片 Insert				螺钉 Clamp screw	扳手 wrench
		D	d	A	H		T		T		
SPC-80-31.75-80L	6	80	31.75	67	80	LPMT1504	3	SPMT1204	18	M5	T20
SPC-80-32-80L	6	80	32	67	80	LPMT1504	3	SPMT1204	18	M5	T20
SPC-100-40-100L	8	100	40	77	100	LPMT1504	4	SPMT1204	24	M5	T20

ASR直角台肩壳形铣刀
ASR High feedrate end mill



● 高进给，高效率

★ High feed,high efficiency

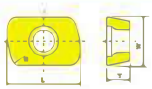


型号 Cat.No	刃数 No.of flutes	尺寸Size			
		D	d	L	L1
ASR2016×160-C16-2T	2	16	16	160	50
ASR2017×160-C16-2T	2	17	16	160	-
ASR2020×160-C20-2T	2	20	20	160	50
ASR2021×160-C20-2T	2	21	20	160	50
ASR2025×160-C25-3T	3	25	25	160	-
ASR2025×200-C25-3T	3	25	25	200	50
ASR2026×200-C25-3T	3	26	25	200	-
ASR2032×160-C32-4T	4	32	32	160	75
ASR2033×160-C32-4T	4	33	32	160	-
ASR2033×200-C32-4T	4	33	32	200	-

配件 Mating

型号 Cat.No	刀片 Insert	螺钉 Clamp screw	扳手 Wrench
ASR20	EPNW0603TN-8	M2.5X6	T8
	EPMT0603TN-8		

适用刀片 Insert

型号 Cat.No	JX8045	JX1005	JX1015	JX1020	GX2030	JX1045	JX1060	刀片形状 Insert shape	尺寸Size (mm) R	L	T	W	排屑槽	
EPNW0603TN-8	●	●	●	●	●	●	●		8	10	3.18	6.35	无	HITACHI (日立)
EPMT0603TN-8	●	●	●	●	●	●	●		8	10	3.18	6.35	有	

刀杆先进行整体热处理（硬度达到48HRC），然后再精修。避免二次热处理时使刀体产生变形，从而确保了精度和超强的钢性。

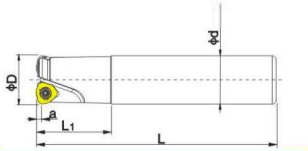
Arbor before an overall heat treatment (hardness reached 48 HRC),and then intensive.To avoid secondary heat treatment to make cutter body deformation. So as to ensure the accuracy of the tolerance range and superior rigidity.

AJX快进给立铣刀
AJX High feedrate end mill



● 最适合大进给切削

★ The most suitable for large-feed cutting.

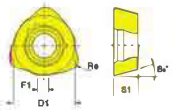


型号 Cat.No	刃数 No.of flutes	尺寸Size				
		D	d	L	L1	a
AJX06-1716-160L	2	17	16	160	--	1
AJX08-2120-160L	2	21	20	160	--	1.5
AJX09-2625-200L	2	26	25	200	--	2
AJX12-3332-160L	2	33	32	160	--	2
AJX12-3332-200L	2	33	32	200	--	2
AJX12-3332-250L	2	33	32	250	--	2

配件 Mating

型号 Cat.No	刀片 Insert	压板 Clamp piece	螺钉 Clamp screw	扳手 Wrench
AJX06	JOMW06T215ZZSR	-	M2.5X6	T8
AJX08	JOMW08320ZZSR	-	M3X7	T10
AJX09	JOMW09T320ZDSR	AJX-09	M4X10	T15
AJX12	JOMT120420ZDSR	AJXX-12	M4X10	T15

适用刀片 Insert

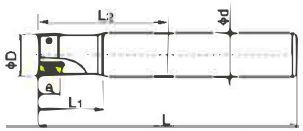
型号 Cat.No	FH7020	VP15TF	VP30RT	刀片形状 Insert shape	尺寸Size $B_3°$	D_1	S_1	F_1	Re	
JOMW06T215ZZSR-FT	●	●	●		13	6.35	2.78	1.2	1.5	MITSUBISHI (三菱)
080320ZZSR-FT	●	●	●		13	8	3.18	1.4	2	
JDMW09T320ZDSR-FT	●	●	●		15	9.525	3.97	1.8	2	
120420ZDSR-FT	●	●	●		15	12	4.76	5	2	
JOMT06T215ZZSR-JM	●	●	●		13	6.35	2.78	1.2	1.5	
080320ZZSR-JM	●	●	●		13	8	3.18	1.4	2	
JDMT09T320ZDSR-JM	●	●	●		15	9.525	3.97	1.8	2	
120420ZDSR-ST	●	●	●		15	12	4.76	5	2	
120420ZDSR-JM	●	●	●		15	12	4.76	5	2	

BAP直角台肩铣刀
BAP Right angle shoulder end mill



● 适合强力切削，回转及进刀量是一般铣刀的3倍。
● 适配刀片经济，性价比高

★ Suitable for heavy cutting,rotary and feed volume is times the normal cutter.
★ Adapte blade economy,cost-effective.



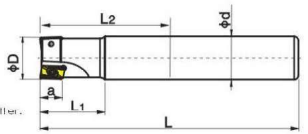
型号 Cat.No	刃数 No.of flutes	尺寸Size					
		D	d	L	L1	L2	a
BAP300R-1010-100L	1	10	10	100	30	—	9
BAP300R-1010-120L	1	10	10	120	30	—	9
BAP300R-1212-100L	1	12	12	100	30	—	9
BAP300R-1212-120L	1	12	12	120	30	—	9
BAP300R-1616-120L	2	16	16	120	40	—	9
BAP300R-1616-160L	2	16	16	160	40	—	9
BAP300R-1616-200L	2	16	16	200	40	100	9
BAP300R-1716-160L	2	17	16	160	40	—	9
BAP300R-1716-200L	2	17	16	200	40	—	9
BAP300R-2020-120L	2	20	20	120	40	—	9
BAP300R-2020-160L	2	20	20	160	50	—	9
BAP300R-2020-180L	2	20	20	180	50	—	9
BAP300R-2020-200L	2	20	20	200	50	100	9
BAP300R-2120-160L	2	21	20	160	50	—	9
BAP300R-2120-200L	2	21	20	200	50	—	9
BAP300R-2525-120L	3	25	25	120	50	—	9
BAP300R-2525-160L	3	25	25	160	50	—	9
BAP300R-2525-200L	3	25	25	200	50	—	9
BAP400R-2525-160L	2	25	25	160	50	—	14
BAP400R-2525-200L	2	25	25	200	75	—	14
BAP400R-2525-250L	2	25	25	250	50	115	14
BAP400R-2525-300L	2	25	25	300	50	—	14
BAP400R-3225-200L	2	32	25	200	50	—	14
BAP400R-3225-250L	2	32	25	250	50	—	14
BAP400R-3225-300L	2	32	25	300	50	—	14
BAP400R-3232-160L	2	32	32	160	50	—	14
BAP400R-3232-200L	2	32	32	200	80	—	14
BAP400R-3232-250L	3	32	32	250	60	115	14
BAP400R-3232-300L	3	32	32	300	60	115	14
BAP400R-3532-160L	3	35	32	160	60	—	14
BAP400R-3532-200L	3	35	32	200	60	—	14
BAP400R-3532-250L	3	35	32	250	60	—	14
BAP400R-3532-300L	3	35	32	300	60	—	14
BAP400R-3532-350L	3	35	32	350	60	—	14
BAP400R-3532-400L	3	35	32	400	60	—	14
BAP400R-4032-200L	3	40	32	200	60	—	14
BAP400R-4032-250L	3	40	32	250	60	—	14
BAP400R-4032-300L	3	40	32	300	60	—	14
BAP400R-4032-350L	3	40	32	350	60	—	14
BAP400R-4032-400L	3	40	32	400	60	—	14

BAP直角台肩铣刀
BAP Right angle shoulder end mill



● 适合强力切削，回转及进刀量是一般铣刀的3倍。
● 适配刀片经济，性价比高

★ Suitable for heavy cutting,rotary and feed volume is times the normal cutter.
★ Adapte blade economy,cost-effective.



配件 Mating

型号 Cat.No	刀片 Insert	螺钉 Clamp screw	扳手 Wrench
BAP300R	APMT 1135 PDER	M2.5X6	T8
BAP400R	APMT 1604PDER	M4X9	T15

适用刀片 Insert

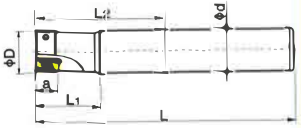
型号 Cat.No	F7030	F620	VP15TF	UP20M	NX2525	NX4545	UTi20T	HTi10	NCM325	PC3535	PC3545	PC3530	PC4510	P201	H101	刀片形状 Insert shape	尺寸Size B3°	D1	S1	F1	Re	
APMT1135PDER-H1	●	●	●	●	●	●	●	●									11	6.35	3.5	1.5	0.4	MITSUBISHI(三菱)
1135PDER-H2	●	●	●	●	●	●	●	●									11	6.35	3.5	1.2	0.8	
1135PDER-H3	●	●		●			●										11	6.35	3.5	0.8	1.2	
1135PDER-H4	●	●		●			●										11	6.35	3.5	0.4	1.6	
APMT1135DDR														●			11	6.35	3.5	0.4	0.8	
APMT1135PDER-M0	●																11	6.35	3.5	1.8	0.2	
1135PDER-M1	●																11	6.35	3.5	1.5	0.4	
1135PDER-M2	●	●	●			●											11	6.35	3.5	1.2	0.8	
APMT1604DDR	●		●				●										11	6.35	3.5	1.2	0.8	
APMT1604PDER-H1	●	●	●	●	●	●	●	●									16.5	9.525	4.76	1.7	0.4	
1604PDER-H2	●						●										16.5	9.525	4.76	1.7	0.8	
1604PDER-H4	●						●										16.5	9.525	4.76	1.7	1.6	
1604PDER-H6	●						●										16.5	9.525	4.76	1.7	2.4	
1604PDER-H8	●	●	●			●											16.5	9.525	4.76	1.7	3.2	
APMT1604PDER-M2	●							●									16.5	9.525	4.76	1.7	0.8	
APGT1604PFDR-G2									●	●	●	●	●		●		16.5	9.525	4.76	1.7	0.8	
APKT160402PDSR																	16.4	9.525	4.76	-	0.2	ROSS

AHU直角台肩铣刀
AHU Right angle shoulder end mill



● 适合强力切削，回转及进刀量是一般铣刀的3倍。
● 刃口锋利、强固。

★ Suitable for heavy cutting, rotary and feed volume is times the normal cutter.
★ Blade sharp, strong.

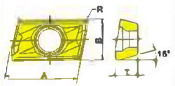


型号 Cat.No	尺寸Size					
	D	d	L	L1	L2	a
AHU10-1616-160L	16	16	160	40	--	9
AHU10-1616-200L	16	16	200	40	100	9
AHU10-1716-160L	17	16	160	40	--	9
AHU10-1716-200L	17	16	200	40	100	9
AHU10-2020-160L	20	20	160	50	--	9
AHU10-2020-200L	20	20	200	50	100	9
AHU10-2120-160L	21	20	160	40	--	9
AHU10-2120-200L	21	20	200	50	--	9
AHU15-2525-160L	25	25	160	50	--	14
AHU15-2525-200L	25	25	200	75	--	14
AHU15-2625-160L	26	25	160	50	--	14
AHU15-2625-200L	26	25	200	75	--	14

配件 Mating

型号 Cat.No	刀片 Insert	螺钉 Clamp screw	扳手 Wrench
AHU10	JDMT1003□R	M2.5X6	T8
AHU15	JDMT1050□R	M4X9	T15

适用刀片 Insert

型号 Cat.No	PTH30E	SH8020	TB6045	PTH40H	PTH13S	JX8045	JP4020	刀片形状 Insert shape	尺寸Size (mm) A	B	T	R
JDMT 100308R-FW	●	●					●		11	6.1	3.5	0.8
JDMT 100304R	●	●	●		●		●		11	6.1	3.5	0.4
JDMT 100308R	●	●	●	●	●		●		11	6.1	3.5	0.8
JDMT 100320R	●	●					●		11	6.1	3.5	2.0
JDMT150504R		●			●	●	●		16	9.12	5	0.4
JDMT150508R		●	●		●	●	●		16	9.12	5	0.8
JDMT150520R						●	●		16	9.12	5	2.0
JDMT150530R	●		●			●	●		16	9.12	5	3.0

HITACHI(日立)

可进行倾斜加工
亮加工一般钢材及难切削钢材，最适合加工涡轮叶片

Tilt canbe processed.
Machinable generaly difficult to cut steel products, mostsuitanie for maching turbine blades.

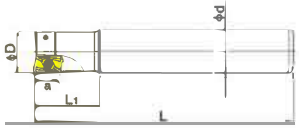
R390直角台肩面铣刀盘
R390 Right angle shoulder face mill





● 适配山特维克精磨刀片
● 精度高，适于精加工

★ Adapter grinding blade Sandvik
★ High precision, suitable for finishing

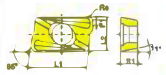


型号 Cat.No	尺寸Size				
	D	d	L	L1	a
R390-11-16×160-C16-2T	16	16	160	40	11
R390-11-16×200-C16-2T	16	16	200	50	11
R390-11-20×160-C20-2T	20	20	160	40	11
R390-11-20×200-C20-2T	20	20	200	50	11
R390-11-25×160-C25-2T	25	25	160	40	11
R390-11-25×200-C25-2T	25	25	200	50	11
R390-17-25×160-C25-2T	25	25	160	40	17
R390-17-25×200-C25-2T	25	25	200	50	17
R390-17-32×200-C25-2T	32	25	200	50	17

配件 Mating

型号 Cat.No	刀片 Insert	螺钉 Clamp screw	扳手 Wrench
R390-11	R390-11T308	M2.5X6	T8
R390-17	R390-170480	M3.5X8	T15

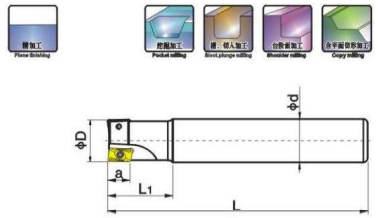
适用刀片 Insert

型号 Cat.No	1205	1030	4042	530	刀片形状 Insert shape	尺寸Size A	B	T	R
R390-11T308M-PM	●	●	●	●		11	6.8	3.5	0.8
R390-11T308M-KM	●	●	●	●		11	6.8	3.5	0.8
R390-170408M-PM	●	●	●	●		17	9.6	4.76	0.8
R390-170408M-KM	●	●	●	●		17	9.6	4.76	0.8

SANDVIK (山特维特)

T217.69直角台肩精铣刀
T217.69 Right angle shoulder end mill



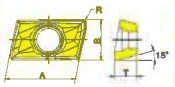


型号 Cat.No	尺寸Size				
	☼	D	d	L	L1
T217.69-8×100-C8-1T	1	8	8	100	25
T217.69-10×130-C10-2T	2	10	10	130	30
T217.69-11×130-C10-2T	2	11	10	130	--
T217.69-12×130-C12-2T	2	12	12	130	30
T217.69-13×130-C12-2T	2	13	12	130	--
T217.69-16×160-C16-2T	2	16	16	160	40
T217.69-17×160-C16-2T	2	17	16	160	--
T217.69-20×160-C20-2T	2	20	20	160	40
T217.69-21×160-C20-2T	2	21	20	160	--
T217.69-25×160-C25-2T	2	25	25	160	50
T217.69-25×200-C25-2T	2	25	25	200	60
T217.69-26×160-C25-2T	2	26	25	160	--
T217.69-26×200-C25-2T	2	26	25	200	--

配件 Mating

型号 Cat.No	刀片 Insert	螺钉 Clamp screw	扳手 Wrench
T217.69-D8-D17	XOMX060208	M1.8X4	T6
T217.69-D20-D21	XOMX090308	M2.5X5.5	T8
T217.69-D25-D26	XOMX120408	M3.5X8	T15

适用刀片 Insert

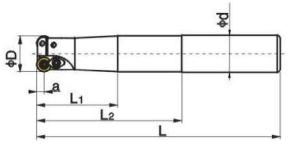
型号 Cat.No	H15	F40M	F30M	Mk1500	Mp2600	T350M	T200M	刀片形状 Insert shape	尺寸Size A	B	T	R	
XOMX060208FR-E03	●	●	●						6.94	4.09	2.45	0.8	SECO
XOMX060208R-M05	●	●							9.94	4.09	2.45	0.8	
XOMX090308FR-E05				●	●	●	●		10.8	6.35	3.65	0.8	
XOMX120408TR-M06	●				●	●	●		11.41	8.18	4.15	0.8	

FMR 圆鼻铣刀
FMR Round downl end mill



● 适配多种经济型刀片，性价比高

★ Fit a variety of economic-type blade,cost-effective



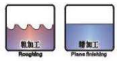
型号 Cat.No	刃数 No.of flutes	尺寸Size D	d	L	L1	L2	a
FMR-4R-1212-120L	1	12	12	120	40	—	4
FMR-4R-1414-120L	1	14	14	120	40	—	4
FMR-4R-1616-120L	2	16	16	120	40	—	4
FMR-4R-1616-160L	2	16	16	160	40	—	4
FMR-4R-1616-200L	2	16	16	200	40	100	4
FMR-4R-1716-160L	2	17	16	160	40	—	4
FMR-4R-1716-200L	2	17	16	200	50	—	4
FMR-4R-2020-160L	2	20	20	160	50	—	4
FMR-4R-2020-200L	2	20	20	200	50	100	4
FMR-4R-2120-160L	2	21	20	160	50	—	4
FMR-4R-2120-200L	2	21	20	200	50	—	4
FMR-5R-2020-160L	2	20	20	160	50	—	5
FMR-5R-2020-200L	2	20	20	200	50	100	5
FMR-5R-2120-160L	2	21	20	160	50	—	5
FMR-5R-2120-200L	2	21	20	200	50	—	5
FMR-5R-2525-160L	2	25	25	160	50	—	5
FMR-5R-2525-200L	2	25	25	200	75	115	5
FMR-5R-2525-250L	2	25	25	250	60	—	5
FMR-5R-3025-120L	2	30	25	120	40	—	5
FMR-5R-3025-160L	2	30	25	160	50	—	5
FMR-5R-3025-200L	2	30	25	200	50	—	5
FMR-5R-3025-250L	2	30	25	250	60	—	5
FMR-5R-3025-300L	2	30	25	300	60	—	5
FMR-5R-3232-160L	2/3	32	32	160	50	—	5
FMR-5R-3232-200L	2/3	32	32	200	50	—	5
FMR-5R-3232-250L	2/3	32	32	250	60	—	5
FMR-5R-3232-300L	2/3	32	32	300	60	—	5
FMR-5R-3532-160L	2/3	35	32	160	50	—	5
FMR-5R-3532-200L	2/3	35	32	200	50	—	5
FMR-5R-3532-250L	2/3	35	32	250	60	—	5
FMR-5R-3532-300L	3	35	32	300	60	—	5
FMR-5R-3532-350L	3	35	32	350	60	—	5
FMR-5R-3532-400L	3	35	32	400	60	—	5
FMR-5R-4032-160L	4	40	32	160	50	—	5
FMR-5R-4032-200L	4	40	32	200	50	—	5
FMR-5R-4032-250L	4	40	32	250	60	—	5
FMR-5R-4032-300L	4	40	32	300	60	—	5
FMR-5R-4032-350L	4	40	32	350	60	—	5
FMR-5R-4032-400L	4	40	32	400	60	—	5

配件 Mating

型号 Cat.No	刀片 Insert	压板 Clamp piece	螺钉 Clamp screw	扳手 Wrench
FMRT-4R	RPM□0802	HR-R4	M3X8	T10
FMRT-5R	RPM□1003	HR-R5	M4X9	T15

FMRC 圆鼻立铣刀
FMRC Round downl end mill

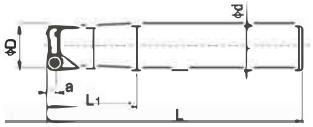






● 适配山特维克精磨刀片，精度更高，加工效果更佳。

★ Adapter grinding blade Sandvik,higher accuracy,processing better effect.



型号 Cat.No	刃数 No.of flutes	尺寸Size D	d	L	L1	a
FMRC-5R×2520×160-C20	2	25	20	160	-	5
FMRC-5R×2524×160-C24	2	25	24	160	-	5
FMRC-5R×2525×200-C25	2	25	25	200	75	5
FMRC-5R×2524×200-C24	2	25	24	200	-	5
FMRC-6R×3225×160-C25	2	32	25	160	-	6
FMRC-6R×3225×200-C25	2	32	25	200	-	6
FMRC-6R×3225×250-C25	2	32	25	250	-	6
FMRC-6R×3332×160-C32	2	33	32	160	-	6
FMRC-6R×3332×200-C32	2	33	32	200	-	6
FMRC-6R×3332×250-C32	2	33	32	250	-	6

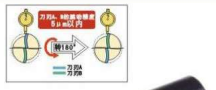
配件 Mating

型号 Cat.No	刀片 Insert	压板 Clamp piece	螺钉 Clamp screw	扳手 Wrench
FMRC-5R	RC□T10T3MO	HR-5R	M4X9	T15
FMRC-6R	RC□T1204MO	HR-6R	M4X9	T15

适用刀片 Insert

型号 Cat.No	530	J025	P201	3020	3040	4020	4030	4040	H10F	H13A	SM30	刀片形状 Insert shape	尺寸Size (mm) D1	d1	S1	
RCKT10T3MO-PM						●	●	●					10	4.0	3.97	
10T3MO-KM				●	●								10	4.0	3.97	SANDVIK (山特维特)
10T3MO-WM	●								●		●		10	4.0	3.97	
10T3MO			●										10	4.0	3.97	
RCKT1204MO-PM						●	●	●					12	4.0	4.76	
1204MO-KM				●	●								12	4.0	4.76	ROSS
1204MO-WM	●								●		●		12	4.0	4.76	
1204MO			●										12	4.0	4.76	

FMRD 圆鼻立铣刀
FMRD Round downl end mill



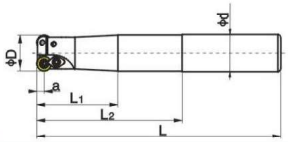






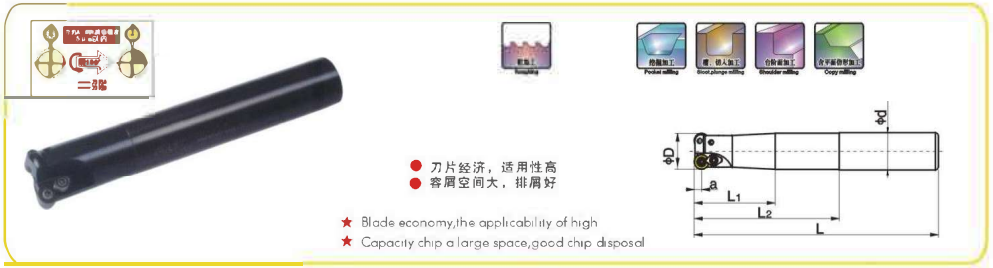
● 刀片经济，适用性高
● 容屑空间大，排屑好

★ Blade economy,the applicability of high
★ Capacity chip a large space,good chip disposal



型号 Cat.No	刃数 No.of flutes	尺寸Size D	d	L	L1	L2	a
FMRD-2.5R-0808-80L	1	8	8	80	30	-	2.5
FMRD-2.5R-1010-120L	2	10	10	120	40	-	2.5
FMRD-2.5R-1212-120L	2	12	12	120	40	-	2.5
FMRD-3.5R-1010-120L	1	10	10	120	40	-	3.5
FMRD-3.5R-1212-120L	1	12	12	120	40	-	3.5
FMRD-3.5R-1616-120L	2	16	16	120	40	-	3.5
FMRD-3.5R-1616-160L	2	16	16	160	40	-	3.5
FMRD-4R-1212-120L	1	12	12	120	40	-	4
FMRD-4R-1312-120L	1	13	12	120	40	-	4
FMRD-4R-1616-160L	2	16	16	160	40	-	4
FMRD-4R-1615-160L	2	16	15	160	40	-	4
FMRD-4R-1616-200L	2	16	16	200	40	100	4
FMRD-4R-1615-200L	2	16	15	200	50	-	4
FMRD-4R-1716-160L	2	17	16	160	40	-	4
FMRD-4R-1716-200L	2	17	16	200	50	-	4
FMRD-4R-2020-160L	2	20	20	160	50	-	4
FMRD-4R-2019-160L	2	20	19	160	50	-	4
FMRD-4R-2020-200L	2	20	20	200	50	100	4
FMRD-4R-2019-200L	2	20	19	200	50	-	4
FMRD-4R-2120-160L	2	21	20	160	50	-	4
FMRD-4R-2120-200L	2	21	20	200	50	-	4
FMRD-5R-2020-160L	2	20	20	160	50	-	5
FMRD-5R-2020-200L	2	20	20	200	50	100	5
FMRD-5R-2525-160L	2	25	25	160	50	-	5
FMRD-5R-2520-160L	2	25	20	160	50	-	5
FMRD-5R-2524-160L	2	25	24	160	50	-	5
FMRD-5R-2525-200L	2	25	25	200	60	-	5
FMRD-5R-2525-250L	2	25	25	250	60	115	5
FMRD-5R-2625-160L	2	26	25	160	50	-	5
FMRD-5R-2625-200L	2	26	25	200	60	-	5
FMRD-5R-3025-160L	2	30	25	160	50	-	5
FMRD-5R-3025-200L	2	30	25	200	50	-	5
FMRD-5R-3025-250L	2	30	25	250	60	-	5
FMRD-5R-3532-160L	3	35	32	160	50	-	5
FMRD-5R-3532-200L	3	35	32	200	50	-	5
FMRD-5R-3532-250L	3	35	32	250	60	-	5
FMRD-6R-3225-160L	2	32	25	160	50	-	6
FMRD-6R-3225-200L	2	32	25	200	50	-	6
FMRD-6R-3225-250L	2	32	25	250	60	-	6
FMRD-6R-4032-160L	3	40	32	160	50	-	6
FMRD-6R-4032-200L	3	40	32	200	50	-	6
FMRD-6R-4032-250L	3	40	32	250	60	-	6
FMRD-6R-4032-300L	3	40	32	300	60	-	6

FMRD 圆鼻立铣刀
FMRD Round downl end mill



● 刀片经济，适用性高
● 容屑空间大，排屑好

★ Blade economy,the applicability of high
★ Capacity chip a large space,good chip disposal

配件 Mating

型号 Cat.No	刀片 Insert	压板 Clamp piece	螺钉 Clamp screw	扳手 Wrench
FMRD-2.5R	RDMW0501MO	-	M1.8X4	T6
FMRD-3.5R	RDMW0702MO	-	M2.5X6	T8
FMRD-4R	RDMW0802MO	HR-4R	M3X8	T8
FMRD-5R	RDMW10T3MO	HR-5R	M3.5X10 M4X9	T15
FMRD-6R	RDMW1204MO	HR-6R	M4X9	T15

适用刀片 Insert

型号 Cat.No	CY100H	CY15	CY25	CY150	CY250	GF30	TB6005	TB6020	TB6045	TB6060	PTH08M	P201	刀片形状 Insert shape	尺寸Size (mm) D1	S1	排屑槽	
RDMW0501MOEN					●						●	●		5	1.59	无	
RDMW0702MOEN					●						●	●		7	2.38	无	
RDHW0802MOTN				●	●	●			●	●				8	2.38	无	HITACHI (日立)
10T3MOTN				●	●	●			●					10	3.97	无	
1204MOTN				●	●	●			●					12	4.76	无	
1604MOTN				●	●	●			●					16	4.76	无	
RDMT0802MOTN			●	●	●	●	●	●	●	●				8	2.38	有	
0802MOEN	●											●		8	2.38	有	
10T3MOTN			●	●	●	●	●	●	●	●				10	3.97	有	
10T3MOEN	●											●		10	3.97	有	ROSS
1204MOTN				●	●	●	●	●	●	●				12	4.76	有	
1204MOEN												●		12	4.76	有	

FMRT 圆鼻铣刀
FMRT Round downl end mill



● 适配多种经济型刀片，性价比高

★ Fit a variety of economic-type blade,cost-effective

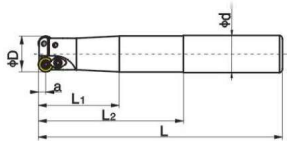
型号 Cat.No	刃数 No.of flutes	尺寸Size D	d	L	L1	L2	a
FMRT-4R-1212-120L	1	12	12	120	40	—	4
FMRT-4R-1414-120L	1	14	14	120	40	—	4
FMRT-4R-1616-120L	2	16	16	120	40	—	4
FMRT-4R-1616-160L	2	16	16	160	40	—	4
FMRT-4R-1616-200L	2	16	16	200	40	100	4
FMRT-4R-1716-160L	2	17	16	160	40	—	4
FMRT-4R-1716-200L	2	17	16	200	50	—	4
FMRT-4R-2020-160L	2	20	20	160	50	—	4
FMRT-4R-2020-200L	2	20	20	200	50	100	4
FMRT-4R-2120-160L	2	21	20	160	50	—	4
FMRT-4R-2120-200L	2	21	20	200	50	—	4
FMRT-5R-2020-160L	2	20	20	160	50	—	5
FMRT-5R-2020-200L	2	20	20	200	50	100	5
FMRT-5R-2120-160L	2	21	20	160	50	—	5
FMRT-5R-2120-200L	2	21	20	200	50	—	5
FMRT-5R-2525-160L	2	25	25	160	50	—	5
FMRT-5R-2525-200L	2	25	25	200	75	—	5
FMRT-5R-2525-250L	2	25	25	250	60	150	5
FMRT-5R-3025-120L	2	30	25	120	40	—	5
FMRT-5R-3025-160L	2	30	25	160	50	—	5
FMRT-5R-3025-200L	2	30	25	200	50	—	5
FMRT-5R-3025-250L	2	30	25	250	60	—	5
FMRT-5R-3025-300L	2	30	25	300	60	—	5
FMRT-5R-3232-160L	2/3	32	32	160	50	—	5
FMRT-5R-3232-200L	2/3	32	32	200	50	—	5
FMRT-5R-3232-250L	2/3	32	32	250	60	—	5
FMRT-5R-3232-300L	2/3	32	32	300	60	—	5
FMRT-5R-3532-160L	2/3	35	32	160	50	—	5
FMRT-5R-3532-200L	2/3	35	32	200	50	—	5
FMRT-5R-3532-250L	2/3	35	32	250	60	—	5
FMRT-5R-3532-300L	3	35	32	300	60	—	5
FMRT-5R-3532-350L	3	35	32	350	60	—	5
FMRT-5R-3532-400L	3	35	32	400	60	—	5
FMRT-5R-4032-160L	4	40	32	160	50	—	5
FMRT-5R-4032-200L	4	40	32	200	50	—	5
FMRT-5R-4032-250L	4	40	32	250	60	—	5
FMRT-5R-4032-300L	4	40	32	300	60	—	5
FMRT-5R-4032-350L	4	40	32	350	60	—	5
FMRT-5R-4032-400L	4	40	32	400	60	—	5

FMRT 圆鼻铣刀
FMRT Round downl end mill



● 适配多种经济型刀片，性价比高

★ Fit a variety of economic-type blade,cost-effective



型号 Cat.No	刃数 No.of flutes	尺寸Size					
		D	d	L	L1	L2	a
FMRT-6R-3232-160L	2/3	32	32	160	50	—	6
FMRT-6R-3232-200L	2/3	32	32	200	80	—	6
FMRT-6R-3232-250L	2/3	32	32	250	100	—	6
FMRT-6R-3232-300L	2/3	32	32	300	100	—	6
FMRT-6R-3532-160L	3	35	32	160	50	—	6
FMRT-6R-3532-200L	3	35	32	200	50	—	6
FMRT-6R-3532-250L	3	35	32	250	60	—	6
FMRT-6R-3532-300L	3	35	32	300	60	—	6
FMRT-6R-3532-350L	3	35	32	350	60	—	6
FMRT-6R-3532-400L	3	35	32	400	60	—	6
FMRT-6R-4032-160L	3	40	32	160	50	—	6
FMRT-6R-4032-200L	3	40	32	200	50	—	6
FMRT-6R-4032-250L	3	40	32	250	60	—	6
FMRT-6R-4032-300L	3	40	32	300	60	—	6

配件 Mating

型号 Cat.No	刀片 Insert	压板 Clamp piece	螺钉 Clamp screw	扳手 Wrench
FMRT-4R	RPMT08T2M●	HR-R4	M3X8	T10
FMRT-5R	RPMT1●T3M●E	HR-R5	M3.5X10/M4X9	T15
FMRT-6R	RPMT1204	HR-R6	M4X9	T15

ASJ-4P钻铣刀
ASJ-4P Borer mill



● 无底孔状态下由钻孔加工至立铣加工

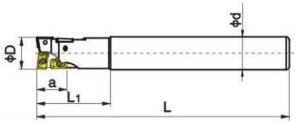
● 底刃刀片角度较大，加工阻力轻

● 刀片为四刃，可做深粗铣加工

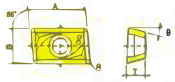
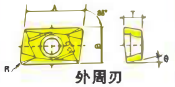
★ Bottom-free state from drilling to milling process.

★ At the end of blade edge angle of greater resitance to light processing.

★ Four-edge blade,do the deep rough milling.

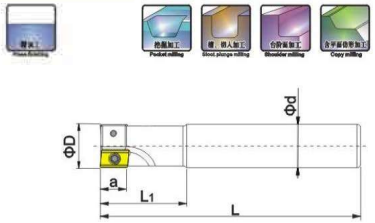


型号 Cat.No	尺寸Size					
	D	d	L	L1	L2	a
ASJ-17×160-C16-4T	17	16	160	40	--	16
ASJ-20×160-C20-4T	20	20	160	40	--	20
ASJ-20×200-C20-4T	20	20	200	40	--	20
ASJ-21×160-C20-4T	21	20	160	35	--	20
ASJ-21×200-C20-4T	21	20	200	35	--	20
ASJ-25×160-C25-4T	25	25	160	50	--	25
ASJ-25×200-C25-4T	25	25	200	75	--	25
ASJ-25×250-C25-4T	25	25	250	75	--	25
ASJ-26×160-C25-4T	26	25	160	50	--	25
ASJ-26×200-C25-4T	26	25	200	50	--	25
ASJ-26×250-C25-4T	26	25	250	50	--	25
ASJ-30×160-C25-4T	30	25	160	80	--	25
ASJ-30×200-C25-4T	30	25	200	80	--	25
ASJ-30×250-C25-4T	30	25	250	80	--	25
ASJ-33×160-C32-4T	33	32	160	80	--	32
ASJ-33×200-C32-4T	33	32	200	90	--	32
ASJ-33×250-C32-4T	33	32	250	120	--	32
ASJ-35×160-C32-4T	35	32	160	80	--	32
ASJ-35×200-C32-4T	35	32	200	90	--	32
ASJ-35×250-C32-4T	35	32	250	120	--	32
ASJ-35×300-C32-4T	35	32	300	120	--	32
ASJ-35×350-C32-4T	35	32	350	120	--	32
ASJ-35×400-C32-4T	35	32	400	120	--	32

型号 Cat.No	CY250	GF30	CY100H	刀片形状 Insert shape	尺寸Size (mm)				
					A	B	T	θ	R
ADMT080308L	●	●	●	 底刃	7.8	6.2	3.0	15	0.8
100308L	●	●	●		10.4	6.35	3.18	15	0.8
12T308L	●	●	●		12.6	7.93	3.9	15	0.8
APMT160408L	●	●	●		16.45	9.53	4.76	11	0.8
170408L	●	●	●		17.6	9.53	4.76	11	0.8
190508L	●	●	●		19.6	10	5.0	11	0.8
250508L	●	●	●		25.4	11	5.5	11	0.8
APMT090208R	●	●	●	 外周刃	9.1	5.1	2.6	11	0.8
ACMT100308R	●	●	●		10.1	6.35	3.4	7	0.8
APMT12T308R	●	●	●		13.14	7.93	3.9	11	0.8
150408R	●	●	●		15.88	9.53	4.76	11	0.8

UEX直角台肩精铣刀
UEX Right angle shoulder end mill



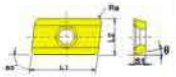


型号 Cat.No	尺寸Size					
	D	d	L	L1	L2	a
UEX12-16×160-C16	16	16	160	50	--	12
UEX12-17×160-C16	17	16	160	40	--	12
UEX12-20×160-C20	20	20	160	50	--	12
UEX12-20×200-C20	20	20	200	50	--	12
UEX12-21×160-C20	21	20	160	40	100	12
UEX16-25×160-C25	25	25	200	50	--	15
UEX16-25×200-C25	25	25	200	75	--	15
UEX16-26×200-C25	26	25	200	50	--	15
UEX16-25×250-C25	25	25	250	75	--	15

配件 Mating

型号 Cat.No	刀片 Insert	螺钉 Clamp screw	扳手 Wrench
UEX12	APㅁT1202	M3.5X8	T15
UEX16	ADㅁT1603	M4X7.5	T15

适用刀片 Insert

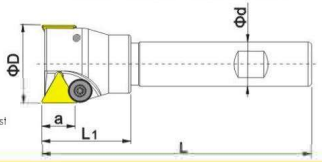
型号 Cat.No	Cy250	Gf30	CY100H	刀片形状 Insert shape	尺寸Size A	B	T	θ	R	
APET120202SR	●		●		12.7	7.938	2.5	11	0.2	HITACHI(日立)
APET120204SR	●	●	●		12.7	7.938	2.5	11	0.4	
APET120208SR	●	●	●		12.7	7.938	2.5	11	0.8	
APNT120208SR	●		●		12.7	7.938	2.5	11	0.8	
ADET160302SR		●	●		15.875	9.525	3.18	15	0.2	
ADET160304SR		●	●		15.875	9.525	3.18	15	0.4	
ADET160308SR	●		●		15.875	9.525	3.18	15	0.8	
ADNT160308SR					15.875	9.525	3.18	15	0.8	

TP台肩精铣刀
TP Shoulder end mill



● 使用传统刀片，切削成本低

★ Equipped with a traditional blade,cutting low-cost

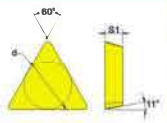


型号 Cat.No	尺寸Size				
	D	d	L	L1	a
TP11-16×100-C16	16	16	100	45	14
TP11-20×100-C20	20	20	100	45	14
TP16-30×100-C20	30	20	100	45	14
TP16-35×100-C20	35	20	100	45	14
TP16-35×110-C32	35	32	110	45	14
TP16-40×110-C20	40	20	110	45	14
TP16-40×110-C25	40	25	110	45	14
TP16-40×115-C32	40	32	115	45	14
TP16-50×110-C20	50	20	110	45	14
TP22-50×110-C20	50	20	110	42	20
TP22-50×115-C32	50	32	115	42	20

配件 Mating

型号 Cat.No	刀片 Insert	压板 Clamp piece	螺钉 Clamp screw	扳手 Wrench
TP11	TPㅁN1103	DTP-11	DTP-M4	L2.5
TP16	TPㅁN1603	DTP-16	DTP-M4	L3
TP22	TPㅁN2204	DTP-22	DTP-M5	L3

适用刀片 Insert

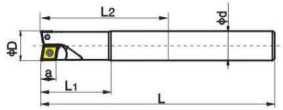
型号 Cat.No	UTI20	NX2525	JC5015	P201	刀片形状 Insert shape	尺寸Size(mm) D	S1	排屑槽 Chip breaker	
TPKN1603PDR	●	●	●			9.525	3.18	无(without)	MITSUBISHI (三菱)
TPMN1603PDR	●	●	●			9.525	3.18	无(without)	
TPKN2204PDR	●	●	●			12.7	4.76	无(without)	
TPMN220408				●		12.7	4.76	无(without)	ROSS
TPUM110308	●			●		6.35	3.18	无(without)	
TPMN110308		●		●		6.35	3.18	无(without)	

UEX直角台肩精铣刀
UEX Right angle shoulder end mill



- 钻铣共用，适用范围广
- 切削阻力小，负荷轻

★ Drilling and milling shared wide scope of application.
★ Cutting resistance, the load light.

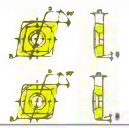


型号 Cat.No	刃数 No.of flutes	尺寸Size					
		D	d	L	L1	L2	a
TJU-8X100	1	8	8	100	30	-	6
TJU-10X130	1	10	10	130	30	-	6
TJU-12X130	1	12	12	130	30	-	6
TJU-16X130	2	16	16	130	30	-	6
TJU-16X160	2	16	16	160	40	-	6
TJU-16X200	2	16	16	200	40	100	6
TJU-17-160-C16	2	17	17	160	40	100	6
TJU-17-200-C16	2	17	17	200	40	100	6
TJU-20X160	2	20	20	160	40	-	6
TJU-20X200	2	20	20	200	50	100	6
TJU-21X160-C20	2	21	21	160	40	100	6
TJU-25X160	2	25	25	160	50	-	9
TJU-25X200	2	25	25	200	60	-	9
TJU-25X250	2	25	25	250	60	115	9
TJU-26X160-C25	2	26	26	160	60	-	9
TJU-26X200-C25	2	26	26	200	60	115	9
TJU-32X160	2	32	32	160	60	-	12
TJU-32X200	2	32	32	200	60	-	12
TJU-32X250	2	32	32	250	60	-	12
TJU-32X300	2	32	32	300	60	165	12

配件 Mating

型号 Cat.No	刀片 Insert	螺钉 Clamp screw	扳手 Wrench
TJU-D08-D12	CCMT 060204/CPMT 080204Z	M2.5X6	T8
TJU-D16-D21	CCMT 060204/CCMT 090204Z	M2.5X6 M3.5X9	T8 T15
TJU-D25-D26	CCMT 090308/CCMT 120308Z	M4X9	T15
TJU-D32-D33	CCMT 120408/CCMT 160408Z	M5X12	T20

适用刀片 Insert

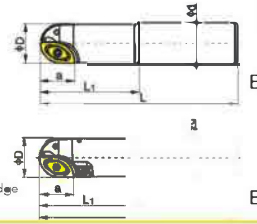
型号 Cat.No	CY250	HC844	GX30	EX40	WH10	WH20	刀片形状 Insert shape	尺寸Size (mm) D	S1	θ	R	
CCMT060204	●	●		●	●			6.35	2.38	7	0.4	HITACHI(日立)
CPMT090308	●	●		●	●	●		9.525	3.18	11	0.8	
120408	●	●	●	●	●			12.7	4.76	11	0.8	
CPMT080204Z	●	●		●	●			7.94	2.38	11	0.4	
090204Z	●	●		●	●			9.525	2.38	11	0.4	
120308Z	●							12.7	3.18	11	0.8	
160408Z	●	●		●	●			15.875	4.76	11	0.8	

BCF/BCFL球形立铣刀
BCF/BCFL Copy end mill



- 采用精密级刀片可得到高精度加工表面
- 刀片表面凸面设计，不仅刀刃锋利并可降低切削振动的噪音

★ Use of available high-precision machining precision blade surface.
★ Blade surface of convex design, and reduces not only the sharp cutting edge Vibration noise.



型号 Cat.No	刃数 No.of flutes	尺寸Size				
		D	d	L	L1	a
10R×150-C20	2/4	20	20	150	70	30
10R×150-C25	2/4	20	25	150	70	30
10R×200-C25	2/4	20	25	200	80	30
10R×250-C25	2/4	20	25	250	100	30
10R×300-C32	2/4	20	32	300	150	30
12.5R×150-C25	2/4	25	25	150	70	39
12.5R×200-C25	2/4	25	25	200	100	39
12.5R×200-C32	2/4	25	32	200	100	39
12.5R×250-C32	2/4	25	32	250	150	39
12.5R×300-C32	2/4	25	32	300	150	39
15R×160-C32	2/4	30	32	160	70	43
15R×200-C32	2/4	30	32	200	100	43
15R×250-C32	2/4	30	32	250	150	43
15R×300-C32	2/4	30	32	300	150	43
15R×350-C32	2/4	30	32	350	200	43
16R×160-C32	2/4	32	32	160	70	43
16R×200-C32	2/4	32	32	200	100	43
16R×250-C32	2/4	32	32	250	150	43
16R×300-C42	2/4	32	32	300	150	43
16R×350-C32	2/4	32	32	350	200	43
20R×200-C42	2/4	40	42	200	100	50
20R×250-C42	2/4	40	42	250	150	50
20R×300-C42	2/4	40	42	300	150	50
20R×350-C42	2/4	40	42	350	200	50
20R×200-MT5	2/4	40	MT5	200	100	50
20R×250-MT5	2/4	40	MT5	250	150	50
25R×200-C50.8	2/4	50	50.8	200	100	50
25R×250-C50.8	2/4	50	50.8	250	150	50
25R×300-C50.8	2/4	50	50.8	300	150	50
25R×350-C50.8	2/4	50	50.8	350	200	50
25R×400-C50.8	2/4	50	50.8	400	200	50
25R×200-MT5	2/4	50	Mt5	200	100	50
25R×250-MT5	2/4	50	Mt5	250	150	50

BCF为两刃型
BCFL为四刃型

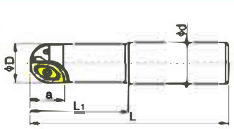
BCF for the edged-type
BCFL for four-edge-type

BCF/BCFL球形立铣刀
BCF/BCFL Copy end mill



- 采用精密级刀片可得到高精度加工表面
- 刀片表面凸面设计，不仅刀刃锋利并可降低切削振动的噪音

★ Use of available high-precision machining precision blade surface.
★ Blade surface of convex design, and reduces not only the sharp cutting edge Vibration noise.



BCF型



BCFL型

适用刀片 Insert

型号 Cat.No	CY250	HC844	GX30	EX40	WH10	WH20	刀片形状 Insert shape	尺寸Size R	A	B	T	排屑槽
ZCET100CE		●						10	18.3	10.0	4.74	有
125CE		●						12.5	23.1	12.3	6.1	有
150CE		●						15	28.3	14.9	7.59	有
160CE		●						16	28.3	15.4	7.45	有
ZCEW100CE	●		●	●		●		10	18.3	10.0	4.74	无
125CE	●		●	●		●		12.5	23.1	12.3	6.1	无
150CE	●		●	●		●		15	28.3	14.9	7.59	无
200CE	●		●	●		●		20	35.4	20.1	8.0	无
ZCET100SE		●						10	16.7	8.1	4.24	有
125SE		●						12.5	20.8	9.3	5.40	有
150SE		●						15	25.7	11.8	7.09	有
160SE		●						16	26.3	12.4	6.96	有
ZCEW100SE	●		●	●		●		10	16.7	8.1	4.24	无
125SE	●		●	●		●		12.5	20.8	9.3	5.4	无
150SE	●		●	●		●		15	25.7	11.8	7.09	无
200SE	●		●	●		●		20	31.9	15.7	7.0	无
CPMT080204	●		●	●	●	●		0.4			2.38	有
CPMT090308								0.8			3.18	有

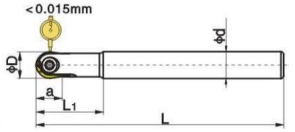
HITACHI(日立)

T2139球形精铣刀
T2139 Copy end fine mill



- 采用高性能合金结构钢材
- 刀片切削刃锋利，可加工不同的材质
- 高精度保证其高性能，高速切削亦稳定

★ High-performance alloy structural steel.
★ Blade cutting edge sharp, can process different materials.
★ Precision to ensure its high-performance, high-speed cutting is also stable.



型号 Cat.No	尺寸Size D	d	L	L1	a
T2139-4R×110-C8	8	8	110	25	5
T2139-4R×110-C10	8	10	110	25	5
T2139-4R×140-C12	8	12	140	55	5
T2139-5R×130-C10	10	10	130	30	7
T2139-5R×160-C12	10	12	160	30	7
T2139-6R×130-C12	12	12	130	32	8
T2139-6R×160-C16	12	16	160	58.5	8
T2139-8R×160-C16	16	16	160	65	10
T2139-8R×200-C20	16	20	200	65	10
T2139-10R×160-C20	20	20	160	45	12.5
T2139-10R×200-C20	20	20	200	76	12.5
T2139-10R×250-C25	20	25	250	120	12.5
T2139-12.5R×160-C25	25	25	160	45	15
T2139-12.5R×200-C25	25	25	200	76	15
T2139-12.5R×200-C32	25	32	200	98	15
T2139-12.5R×250-C32	25	32	250	120	15
T2139-15R×200-C32	30	32	200	80	18
T2139 15R×250 C40	30	40	250	121	18
T2139-16R×200-C32	32	32	200	80	19
T2139-16R×250-C40	32	40	250	121	19

切削能力及精度均佳，排削好，高速切削稳定，有很宽的应用范围。
亮应用于磨具用材料的精加工及燃汽轮机叶片的制造。

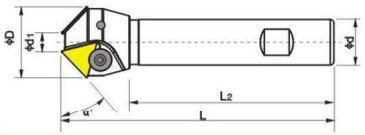
Cutting ability and precision are good, the row of cut is good, high-speed cutting stability, and has a wide range of applications.
Can be applied to abrasive materials used in finishing and th manufacture of gas turbine blades.

TP30°/45°/60° 倒角刀
TP30°/45°/60° Chamfer end mill



- 可30° /45° /60° 切削，亦可倒角
- 适合加工中心及一般铣床用

★ Can be 30° 45° 60° cutting, can be chamfered.
★ Milling machine for machining centers and general use.

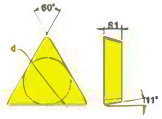


型号 Cat.No	刃数 No.of flutes	尺寸Size					
		α°	D	d1	d	L	L2
TP16R-30°-10×35-C32	2	30	35	10	20	120	90
TP16R-45°-5×21-C16	1	45	21	5	16	120	90
TP16R-45°-10×31-C20	1	45	31	10	20	120	90
TP22R-45°-20×50-C25	3	45	50	20	25	130	90
TP22R-45°-20×50-C32	3	45	50	20	32	160	90
TP22R-45°-35×63-C32	3	45	63	35	32	160	90
TP16R-60°-10×24-C20	1	60	24	10	20	120	90
TP22R-60°-20×35-C20	1	60	35	20	20	120	90

配件 Mating

型号 Cat.No	刀片 Insert	压板 Clamp piece	螺钉 Clamp screw	扳手 Wrench
TP11	TP□N1103	TP-11	3/6伞型	L3
TP16	TP□N1603	TP-16	1/4伞型	L4
TP22	TP□N2204	TP-22	5/16伞型	L5

适用刀片 Insert

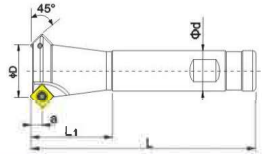
型号 Cat.No	UTI20	NX2525	JC5015	P201	刀片形状 Insert shape	尺寸Size(mm) D	S1	排屑槽 Chip breaker	
TPKN1603PDR	●	●	●			9.525	3.18	无(without)	MITSUBISHI (三菱)
TPMN1603PDR	●	●	●			9.525	3.18	无(without)	
TPKN2204PDR	●	●	●			12.7	4.76	无(without)	
TPMN220408				●		12.7	4.76	无(without)	ROSS
TPUM110308	●			●		6.35	3.18	无(without)	
TPMN110308		●		●		6.35	3.18	无(without)	

SD-45° 内外倒角刀
SD-45° Chamfer end mill



- 用于内外倒角加工，端面槽加工
- 刀片形状为正方形，使用时可转位4次，更经济

★ For internal and external chamfering processing,end-groove.
★ Blade shape is square,use indexable four times more economical.



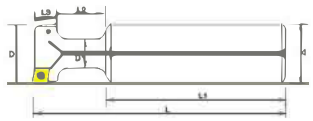
型号 Cat.No	刃数 No.of flutes	尺寸Size				
		D	d	L	L1	a
SD-25×110-C20	2	25	20	110	40	4.6
SD-25×150-C20	2	25	20	150	45	4.6
SD-25×110-C3/4	2	25	19.05	110	40	4.6
SD-30×110-C20	2	30	20	110	40	4.6
SD-30×150-C20	2	30	20	150	45	4.6
SD-30×110-C3/4	2	30	19.05	110	40	4.6

配件 Mating

型号 Cat.No	刀片 Insert	螺钉 Clamp screw	扳手 Wrench
SD-45°	SDMB26152	M3X7	T10

ATS T型槽端铣刀
ATS T-slots end mills





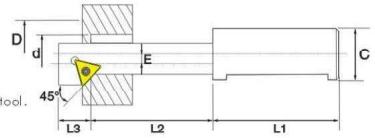
型号 Cat.No	刃数 No.of flutes	尺寸Size						
		D	d	D1	L	L1	L2	L3
ATS-25-11	2	25	25	12.5	112	80	21	11
ATS-32-14	4	32	32	16	120	77	30	14
ATS-40-18	4	40	32	20	130	80	32	18
ATS-50-22	4	50	32	26	140	80	39	22

倒拉倒角刀
Throw-away back chamfering tool



- 不用正反转，减少损坏概率
- 特殊设计本体刚性最佳

★ No need for reverse running of spinds that minimizes defect of tool.
★ Specially designed body gives maximum rigidity.



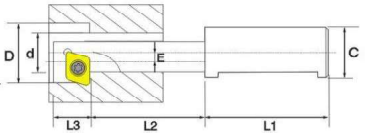
型号 Cat.No	尺寸Size							刀片 Insert	螺钉 Clamp screw	扳手 wrench
	D	d	C	L1	L2	L3	E			
BC-2014	20	14	16	48	40	13	3.2	TCMT110204 TCGT110204	M2.5×6.5	T8
BC-2317	23	17	20	50	50	13	3.2			
BC-2721	27	21	25	56	70	13	3.2			
BC-3124	31	24	25	56	80	13	3.7			

倒拉沉头刀
Throw-away back counter-sink tool



- 减少二次加工，增加微调机构
- 不用正反转，减少损坏概率
- 特殊设计本体刚性最佳

★ No need for reverse running of spinds that minimizes defect of tool.
★ No positive inversion,reducing the probability of damage.
★ Specially designed body gives maximum rigidity.



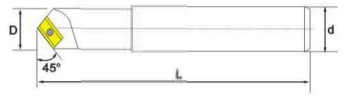
型号 Cat.No	尺寸Size							刀片 Insert	螺钉 Clamp screw	扳手 wrench
	D	d	C	L1	L2	L3	E			
M10-1810	18	10.5	16	48	35	13	4	CCMT060204 CCGT060204	M2.5×6	T8
M12-2013	20	13	16	48	40	13	3.85			
M16-2617	26	17	20	50	50	13	4.85	CCMT09T308 CCGT09T308	M4×9	T15
M20-3321	33	21	25	56	70	13	6.4			
M24-4025	40	25	25	56	80	13	7.9			

45°舍弃式倒角刀
Throw-away chamfer mills



- 本铣刀可45° 切削，亦可作倒角
- 适合一般铣床，综合切削中心机

★ This cutter con be 45° cutting,chamfering can be done
★ Suitable for general milling machine,integrated maching center.



型号 Cat.No	刃数 Teeth	倒角范围 Chamfering range	角度 Angle	尺寸Size		
				D	D	L
SSK C20-20-130	1	Φ3-Φ20	45	20	20	130

配件 Mating

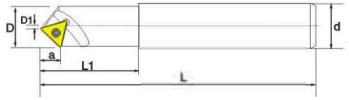
型号 Cat.No	刀片 Insert	螺钉 Clamp screw	扳手 Wrench
SSK C20-20	ADNT160308	M4X8	T15

45°定位倒角刀
45° Spot drill cutter



- 本铣刀可45° 切削，亦可作倒角,V槽切削，可中心定位钻使用
- 适合一般铣床，CNC铣床，CNC车床，钻床倒角

★ This cutter can be 45° cutting,chamfering can be done, Vgroove cutting, drilling may be the use of central location
★ Suitable for general milling machine,CNC milling machines,CNC lathes, drilling chamfering



型号 Cat.No	刃数 Teeth	倒角范围 Chamfering range	角度 Angle	尺寸Size					
				D	d	D1	a	L1	L
SSP45-20-20-130	1	Φ0-Φ20	45	20	20	8	11.3	20	130

配件 Mating

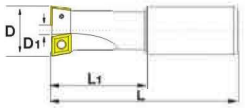
型号 Cat.No	刀片 Insert	螺钉 Clamp screw	扳手 Wrench
SSP45-20	TCMX16T308E-ZR	M4X9	T15

螺丝沉头孔铣刀
Counter-sink hole on sceewof milling cutter



● 把传统的钻孔与沉头加工结合与一体，一次加工完成，大幅度提高螺丝沉头孔的加工效率

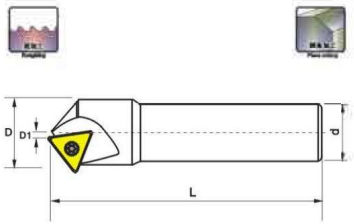
★ Shen bored with the traditional combination of the first processing in one, a process completed in a substantial increase in countersunk head screw hole processing efficiency



型号 Cat.No	刃数 Teeth	尺寸Size					刀片 Insert	螺钉 Clamp screw	扳手 wrench
		C	L1	L2	L3	E			
CH-8-14-C25	1	14	2.9	25	21	108	CCMT06204	M2.5×6.5	T8
CH-10-17.5-C25	2	17.5	5.3	25	26	115			
CH-12-20-C25	2	20	7.8	25	30	120			
CH-14-23-C25	2	23	10.8	25	34.5	126			
CH-16-26-C32	2	26	8.5	32	39	132	CCMT09T308	M4×9	T15
CH-18-29-C32	2	29	11.5	32	43.5	138			
CH-20-32-C32	2	32	14.5	32	59	144			

45° 倒角刀
45° Chamfer mills





型号 Cat.No	刃数 Teeth	角度 Angle	尺寸Size			
			D	D1	d	L
TCM03-25	1	45	25	3	20	110

配件 Mating

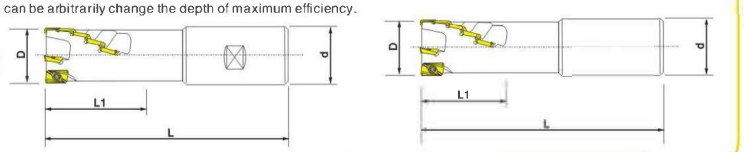
型号 Cat.No	刀片 Insert	螺钉 Clamp screw	扳手 Wrench
TCM03-25	TCMT16T304	M4X9	T15

APK 螺丝沉头孔铣刀
APK Rough cutting end mill

● 高效能型粗铣刀,能加工深孔。
● 尺寸可由刀杆随意变换深度，发挥最大效能。

★ High-performance-based rough milling,deep hole can processed.
★ Arbor size can be arbitrarily change the depth of maximum efficiency.





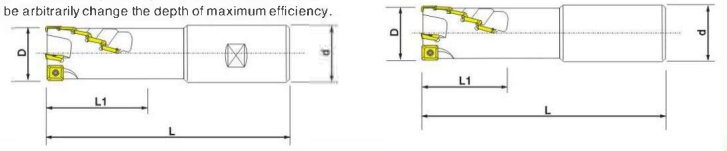
型号 Cat.No	刃数 Teeth	尺寸Size					刀片 Insert	螺钉 Clamp screw	扳手 wrench
		C	L1	L2	L3	L			
APK-20-100-28L	2	5	20	20	28	100	APKT1003	M2.5	T8
APK-25-130-37L	2	8	25	25	37	130			
APK-32-140-46L	3	15	32	32	46	140			

SPM 玉米立铣刀杆
SPM rough cutting end mill

● 高效能型粗铣刀,能加工深孔。
● 尺寸可由刀杆随意变换深度，发挥最大效能。

★ High-performance-based rough milling,deep hole can processed.
★ Arbor size can be arbitrarily change the depth of maximum efficiency.





型号 Cat.No	图示 Figure	刃数 Teeth	尺寸Size				刀片Insert				螺钉 Clamp screw	扳手 wrench
			L1	L2	L3	L	T		T			
SPM-40-150-50L-C32	A	4	40	32	50	150	2	P27215-3	12	SDMT090308	M4	T15
SPM-40-170-56L-C42	A	2	40	42	56	170	1	LPMT1504	5	SPMT1204	M5	T20
SPM-50-200-77L-C42	B	4	50	42	77	200	2	LPMT1504	14	SPMT1204	M5	T20
SPM-50-250-158L-C42	B	4	50	42	158	250	2	LPMT1504	30	SPMT1204	M5	T20