

MFH 03 / 系列

MFH 03 SERIES

- 使用高剛性材質，在高速加工時提高性能。
The hard steel design to perfect the performance in high feed machining
- 增加排屑量，提高生產效率
Increased chip evacuation and improve productivity
- 雙面4個切削刃更符合經濟效益。
Works efficiently with 4 insert edges
- 高進給系統不僅可降低切削阻力亦可進行多樣加工，如:斜向加工、平面加工、曲面加工...等。
The high feed milling cutter offers low resistance and it is applicable to multi-functional, such as ramping, face milling and helical machining...etc.



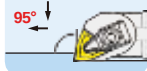
外徑出水刀桿 EXTERNAL TURNING TOOL WITH COOLANT

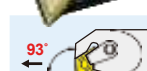
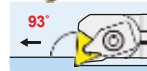
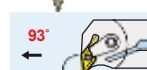
- 高剛性材質、水孔設計，可延長刀片使用壽命。
The hard steel and coolant design to enhance the insert life
- 高壓出水精確地沖擊切削刃，可將切屑沖成小片狀讓切屑更容易排除。
Coolant jets precisely to increase chip evacuation
- 走心式刀，提高小型加工效率。
Applicable to small diameter and improve productivity
- 螺絲鎖固構造，替換刀片快速。
Quick insert replacement due to the screw design



內徑車刀 *BORING BARS*

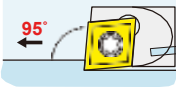
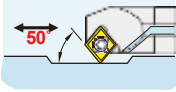
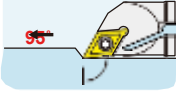
內徑車刀
外徑車刀
牙刀
開槽刀
銑刀
孔加工
配件

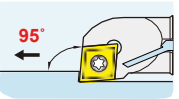
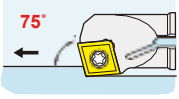
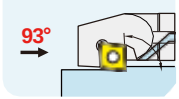
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		60		
P.002	MCLN  	20	CN..1204	
		25		
		32		
		40		
		50		
		60		
P.003	DDUN  	32	DN..150 4 DN..150 6	
		40		
P.004	MTQN  	20	TN..1604	
		25		
		32		
P.005	MTUN  	20	TN..1604	
		25		
		32		
		40		
		50		
		60		
P.006	MTWN  	20	TN..1604	
		25		
		32		
P.007	DVUN  	40	VN..1604	
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P.008	DWLN  	20	WN..0804	
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		32		
		40		

Page	Index	ØD	Insert	
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P.001	DCLN  	20	CN..1204	
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		32		
P.002	MSKN  	25	SN..1204	
		32		
		40		
		50		
		60		
P.003	MDUN  	25	DN..150 4 DN..150 6	
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P.004	DTUN  	20	TN..1604	
		25		
		32		
P.005	WTUN  	32	TN..1604	
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		50		
		60		
P.007	MVUN  	25	VN..1604	
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		40		
		50		
P.008	MWLN  	20	WN..0804	
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		32		
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		60		



內徑車刀 **BORING BARS**

Page	Index	ØD	Insert	
			Item code	Shape
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		12		
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		16		
		12	CC..09T3	
		14		
		15		
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		18		
		20		
		22		
		25		
		32		
		32	CC..1204	
		40		
P.011	SCLP  	8	CP..0602	
		10	CP..0802	
		12		
		10	CP..0903	
		12		
		16		
		20		
		25		
P.013	SCLC/P  	1004	CC..03S1	
		1005	CC..0301	
		1204		
		1206	CC..0401	
		1607	CC..0602	
		1608		
		1609		
		1612	CP..0802	
		2014	CP..0903	
		2016		
P.015	SCNC / P  	12	CC..0602	
		16	CP..0903	
P.016	SDJC  	8	DC..0702	
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		16		
		1608		
		16	DC..11T3	
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		25		
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Page	Index	ØD	Insert	
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		6	CC..0401	
		7		
		8	CC..0602	
		10		
		12		
		14		
		16		
		12	CC..09T3	
		14		
		16		
		20		
		25		
P.012	SCLP.. Carbideshank  	10	CP..0802	
		12		
		12	CP..0903	
		16		
		20		
		25		
		P.014	SCKC/P  	
10				
12				
16				
12	CC..09T3			
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20				
16	CP..0903			
P.015	SCZC  			8
		10		
		12		
		16	CC..09T3	
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內徑車刀
BORING BARS

外徑車刀
TOOL HOLDERS

牙車刀
THREADING

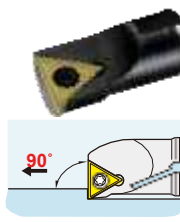
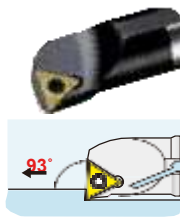
銑刀
MILLING

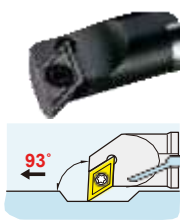
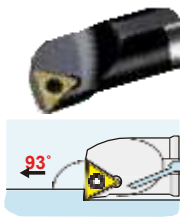
孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

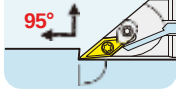
內徑車刀 *BORING BARS*

內徑車刀
外徑車刀
牙刀
開槽刀
銑刀
孔加工
配件

Page	Index	ØD	Insert	
			Item code	Shape
P.017	SDNC 	12	DC..0702	
		16		
		20	DC..11T3	
		25		
		32		
P.018	SDQC 	10	DC..0702	
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		20		
		16	DC..11T3	
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		25		
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		40		
		50		
P.020	STFC/P 	6	TC..0601	
		8	TC..0902	
		8		
		10	TC..1102	
		10		
		12		
		16	TC..16T3	
		16		
		20		
		25		
		32	TP..1603	
16				
P.021	STUB/C 	6	TB..0601	
		8	TC..0902	
		8		
		10		
		12		
		14	TC..1102	
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		32		

Page	Index	ØD	Insert	
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		20	DC..11T3	
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P.019	SDUC 	10	DC..0702	
		12		
		16		
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		16	DC..11T3	
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		25		
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P.022	STUB/C.. Carbide shank 	6	TB..0601	
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		8		
		8	TC..0902	
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		14		
		10	TC..1102	
		12		
		16		

內徑車刀 *BORING BARS*

Page	Index	ØD	Insert		
			Item code	Shape	
P.023	STUP  	8	TP..0802		
		10			
		12			
		16			
		8	TP..0902		
		10			
		10			TP..1103
		12			
		14			
		15			
		16			
		18			
		20			
		22			
		23			
		25			
		20	TP..1603		
		25	TP..16T3		
		32	TP..1604		
P.025	STUB/C  	0806	TB..0601		
		0807			
		1207			
		1206	TC..0601		
		1207			
P.026	STWC  	0806	TB..0601		
		8	TC..0902		
		10	TC..1102		
		12			
		14			
		16			
		20			
		20	TC..16T3		
		25			
		32			
P.027	SVJB/C..CL  	16	VB/VC..1103		
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		20	VB/VC..1604		
		25			
		32			
		40			

Page	Index	ØD	Insert	
			Item code	Shape
P.024	STUP.. Carbideshank  	8	TP..0802	
		10		
		12		
		8	TP..0902	
		10		
		10	TP..1103	
		12		
		14		
		16		
		20		
		25		
		20	TP..16T3	
		20	TP..1604	
P.026	STWP  	8	TP..0802	
		8	TP..0902	
		10		
		10	TP..1103	
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內徑車刀
BORING BARS

外徑車刀
TOOL HOLDERS

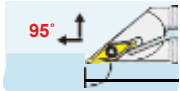
牙車槽刀
THREADING TOOL

銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

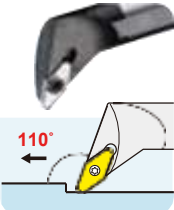
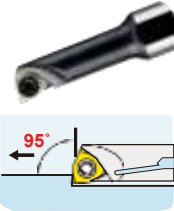
配件
SPARE PARTS

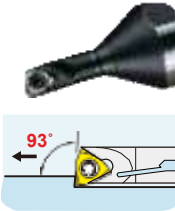
內徑車刀 BORING BARS

Page	Index	ØD	Insert			
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P.028	SVJB/C	8	VC..0802			
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		10	VB..110			
		12	3			
		16	VC..110			
		20	3			
		16	VB..160			
		20			4	
		25			VC..160	
		32			4	
	40					
P.030	SVQB/C...CL	20	VB..110			
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		32			VC..110	
		40			3	
		20	VB..160			
		25			4	
		32			VC..160	
	40	4				
	P.031	SVQB/C	12		VB..110	
			16		3	
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20			3			
20			VB..160			
25			4			
32			VC..160			
40		4				
P.033	SVUB/C...CL	16	VB..110			
		20	3			
		20	VC..110			
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		20	VB..1604			
		25				
		40				
	25	VC..1604				
	32					
	40					
P.035	SVVB/C...CL	16	VB..110			
		20	3			
		25	VC..110			
		32	3			
		32	VB..160			
4	VC..160					
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Page	Index	ØD	Insert	
			Item code	Shape
P.029	SVJB/C.. Carbide shank	8	VC..0802	
		10		
		10	VB..110	
		12	3	
		16	VC..110	
		20	3	
		16	VB..160	
		20		
	25	VC..160		
P.030	SVQB/C.. Carbide shank	20	VB..160	
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	P.032		20	
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20			VC..110	
P.034		20	3	
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		20	VC..160	
		25	4	
P.035	SVUB/C	12	VC..0802	
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	16	VB..110		
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P.035		40	VC..160	
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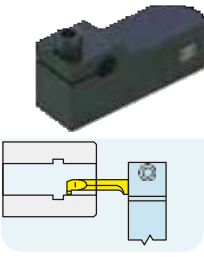
內徑車刀 *BORING BARS*

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P.036	SVXC 	25	VC..2205	
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P.037	SWLC 	0805	WC..0201	
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		1006		
		95°		

Page	Index	ØD	Insert	
			Item code	Shape
P.036	SVXC 	25	VC..2205	
	135°			
P.037	SWUB 	1005	WB..0601	
		1006		
		1007		
		1205		
		1605		
		93°		

內徑車刀套筒 *SLEEVES FOR BORING BARS*

Page	Index	ØD	Ød
P.039 P.040	NC 	16	03-12
		20	04-16
		25	04-22
		32	04-25
		40	05-32
		50	08-40
		60	20-50
P.042	SHB 	16	02-10
		19.5	04-06
		20	02-10
		22	03-16
		22..PT02	03-12
		25	03-20
		25.4	06-16
P.040	NC...MTA 	25	MTA1-MTA3
		32	MTA1-MTA3
		40	MTA1-MTA4
		50	MTA1-MTA5

Page	Index	H	ØD
P.044	SBHA 	16	32
		20	32
		20	40
		25	32
		25	40
P.044	CH 	20	5
			6
			8
			10
		25	5
			6
			8
			10

內徑車刀
BORING BARS

外徑車刀
TOOL HOLDERS

牙車
THREADING TOOL

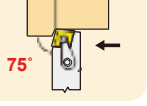
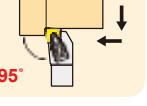
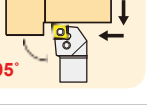
銑刀
MILLING

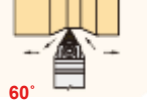
孔加工
BORING TOOL COMPONENTS

配件
SPARE PARTS

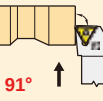
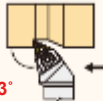
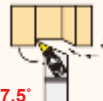
外徑車刀 TOOLHOLDERS

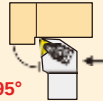
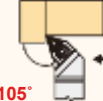
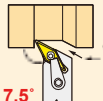
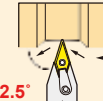
內徑車刀
BORING BARS
外徑車刀
TOOLHOLDERS
牙刀/開槽刀
THREADING/GROOVING
銑刀
MILLING
孔加工
BORING TOOL COMPONENTS
配件
SPARE PARTS

Page	Index	Height X Width	Insert	
			Item code	Shape
P.046	MCBN  	16×16	CN..1204	
		20×20		
		25×25		
		32×32		
P.047	DCLN  	16×16	CN..1204	
		20×20		
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		32×32		
P.048	PCLN  	20×20	CN..1204	
		25×25		
		32×32		
P.049	DDJN  	20×20	DN..150 4 DN..150 6	
		25×25		
		32×32		
P.050	DDQN  	20×20	DN..150 4 DN..150 6	
		25×25		
		32×32		
P.051	MSSN  	16×16	SN..1204	
		20×20		
		25×25		

Page	Index	Height X Width	Insert	
			Item code	Shape
P.046	MCKN  	16×16	CN..1204	
		20×20		
		25×25		
		32×32		
P.047	MCLN  	16×16	CN..1204	
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		25×25		
		32×32		
P.048	MCNN  	16×16	CN..1204	
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		25×25		
		32×32		
P.049	MDJN  	20×20	DN..150 4 DN..150 6	
		25×25		
		32×32		
P.050	MSDN  	20×20	SN..1204	
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P.051	MTEN  	12×16	TN..1604	
		16×16		
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		25×25		

外徑車刀 TOOLHOLDERS

Page	Index	Height X Width	Insert	
			Item code	Shape
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		25×25		
		32×32		
P.053	PTFN  	20×20	TN..1604	
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P.054	MTJN  	12×16	TN..1604	
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		20×20		
		25×25		
		32×32		
P.055	DVJN  	20×20	VN..1604	
		25×25		
		32×32		
P.056	DVQN  	20×20	VN..1604	
		25×25		
		32×32		
P.057	DVVNN  	16×16	VN..1604	
		20×20		
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		32×32		

Page	Index	Height X Width	Insert	
			Item code	Shape
P.052	MTFN  	16×16	TN..1604	
		20×20		
		25×25		
P.053	DTJN  	20×20	TN..1604	
		25×25		
		32×32		
P.054	MTQN  	20×20	TN..1604	
		25×25		
P.055	MVJN  	12×16	VN..1604	
		16×16		
		20×20		
		25×25		
		32×32		
P.056	MVQN  	20×20	VN..1604	
		25×25		
		32×32		
P.057	MVVNN  	16×16	VN..1604	
		20×20		
		25×25		

內
徑
車
刀
BORING BARS

外
徑
車
刀
TOOLHOLDERS

牙
刀
磨
槽
刀
THROUGHBORING

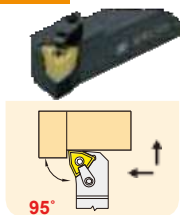
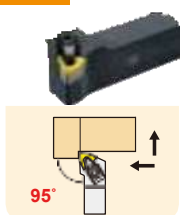
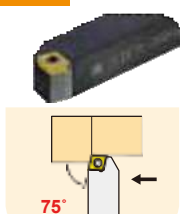
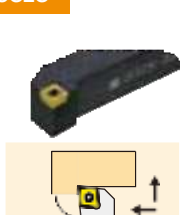
銑
刀
MILLING

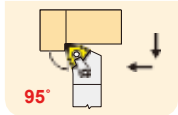
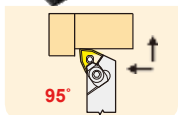
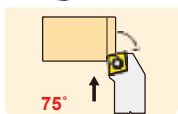
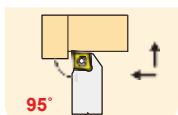
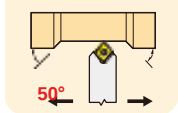
孔
加
工
BORING TOOLS COMPONENTS

配
件
SPARE PARTS

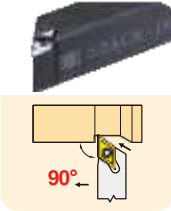
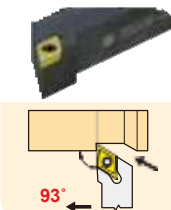
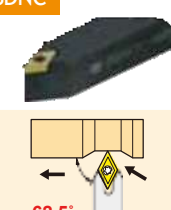
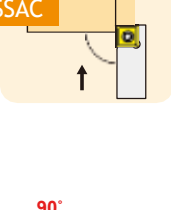
外徑車刀 TOOLHOLDERS

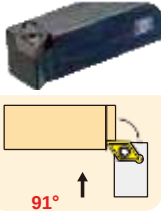
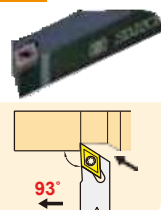
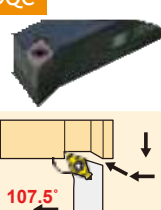
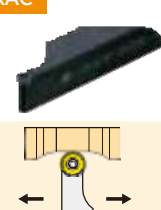
內徑車刀
BORING BARS
外徑車刀
TOOLHOLDERS
牙刀/開槽刀
THREADING/GROOVING
銑刀
MILLING
孔加工
BORING TOOL COMPONENTS
配件
SPARE PARTS

Page	Index	Height X Width	Insert	
			Item code	Shape
P.058	DVVNR 	20×20	VN..1604	
		25×25		
		32×32		
P.059	MWLN 	20×20	WN..0804	
		25×25		
		32×32		
P.060	DWLN 	20×20	WN..0804	
		25×25		
		32×32		
P.061	SCBC 	16×16	CC..09T3	
		20×20		
		25×25		
P.062	SCLC 	10×10	CC..0602	
		12×12	CC..09T3	
		16×16		
		20×20		
		25×25	CC..1204	
		20×20		
		32×32		
P.063	SCNC 	16×16	CC..0602	
		12×12	CC..09T3	
		16×16		
		20×20		
		25×25	CC..1204	
		20×20		
		25×25		

Page	Index	Height X Width	Insert	
			Item code	Shape
P.059	MWLN-N 	20×20	WN..0804	
	 95°	25×25		
P.060	WWLN 	16×20	WN..0804	
	 95°	20×20		
		25×25		
P.061	SCKC 	12×12	CC..09T3	
	 75°	16×16		
		20×20		
		25×25		
P.062	SCL2C 	08×08	CC..0602	
	 95°	10×10	CC..09T3	
		12×12		
		16×16		
		20×20		
		25×25		
P.063	SCNP 	12×12	CP..0903	
	 50°	16×16		
		20×20		
		25×25		

外徑車刀 TOOLHOLDERS

Page	Index	Height X Width	Insert	
			Item code	Shape
P.064	SDAC 	10×10	DC..070 2 DC..11T 3	
	12×12			
	16×16			
	20×20			
P.065	SDJC 	10×10	DC..070 2 DC..11T 3	
	12×12			
	16×16			
	20×20			
	25×25	DC..11T3		
	32×32			
P.066	SDNC 	10×10	DC..0702	
	12×12	DC..070 2		
	16×16	DC..11T 3		
	20×20	DC..11T3		
	25×25			
P.067	SRAC 	10×10	RC..050 2 RC..060 2	
	12×12			
	16×16			
	20×20			
	25×25			
P.068	SRDC 	10×10	RC..050 2 RC..060 2	
	12×12	RC..0502		
	16×16	RC..060		
	20×20	2		
	25×25	RC..080		
		32×32	RC..1003	
		32×32	RC..1003	
P.069	SSAC 	9.5×12.7	SC..09T3	
	12.7×12.7			
	12×12			
	16×16			

Page	Index	Height X Width	Insert	
			Item code	Shape
P.064	SDFC 	12×12	DC..0702	
	12×12	DC..11T3		
	16×16			
P.065	SDJ2C 	08×08	DC..0702	
	10×10	DC..070 2 DC..11T 3		
	12×12			
	16×16			
	20×20			
	25×25			
	32×32	DC..11T3		
P.066	SDQC 	12×12	DC..11T3	
	16×16			
	20×20			
	25×25			
P.067	SRAC 	12×12	RC..080 3 RC..100 3	
	16×16			
	20×20			
	25×25			
P.068	SRGC 	12×12	RC..0602	
	16×16			
	20×20			
	25×25			
	16×16	RC..0803		
	20×20			
	25×25			
P.069	SSBC 	9.5×12.7	SC..09T3	
	12.7×12.7			
	12×12			

內
徑
車
刀
BORING
BARS

外
徑
車
刀
TOOLHOLDERS

牙
輪
槽
刀
THROUGHBORING

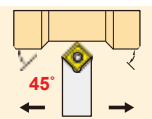
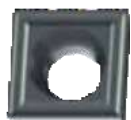
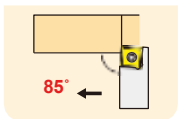
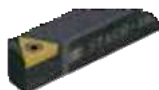
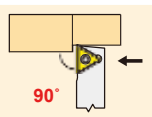
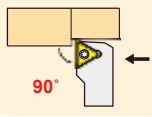
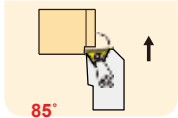
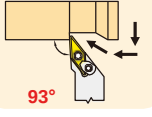
銑
刀
MILLING

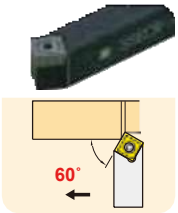
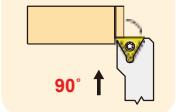
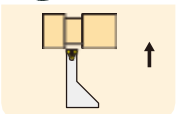
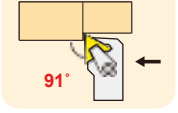
孔
加
工
BORING
TOOLS
COMPONENTS

配
件
SPARE
PARTS

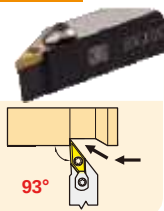
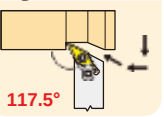
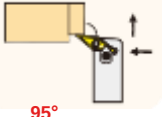
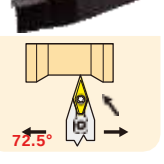
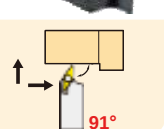
外徑車刀 TOOL HOLDERS

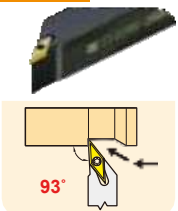
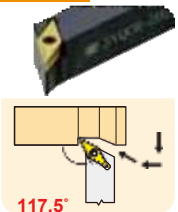
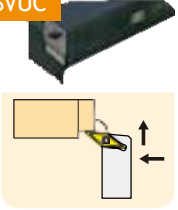
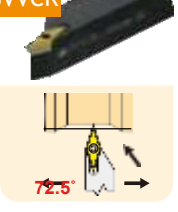
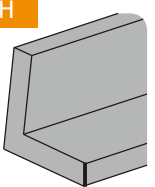
內徑車刀
BORING BARS
外徑車刀
TOOL HOLDERS
牙刀
THREADING & GROOVING
銑刀
MILLING
孔加工
BORING TOOL COMPONENTS
配件
SPARE PARTS

Page	Index	Height X Width	Insert	
			Item code	Shape
P.070	SSDC  	9.5×12.7	SC..09T3	
		12.7×12.7		
		12×12		
		16×16		
		20×20		
		25×25		
P.071	SSXC  	9.5×12.7	SC..09T3	
P.072	STAC  	10×10	TC..1102	
		12×12		
		16×16		
		9.5×12.7		
		12.7×12.7	TC..16T3	
		12.7×16		
		16×16		
P.073	STGC/P  	12×12	TC..16T3	
		16×16		
		19×19		
		20×20	TC..16T3 3 TP..160 3	
		25×25		
P.074	CTYC  	20×20	TC..16T3	
P.075	SVJB/C..CL  	10×10	VB..110 3 VC..110 3	
		12×12		
		16×16		
		20×20		
		25×25		
		16×16	VB..160 4 VC..160 4	
		20×20		
		25×25		
		32×32		

Page	Index	Height X Width	Insert	
			Item code	Shape
P.070	SSEC	9.5×12.7	SC..09T3	
		12.7×12.7		
		12×12		
P.072	STFC	20×20	TC..16T3	
		25×25		
P.073	STCP	25×25	TP..0902	
				
P.074	CTGP	16×16	TP.N1603	
		20×20		
		25×25		
P.075	SVJB/ C	10×10	VB..110 3 VC..110 3	
		12×12		
		16×16		
		20×20		
		25×25	VB..160 4 VC..160 4	
		16×16		
		20×20		
		25×25		
	32×32			

外徑車刀 TOOLHOLDERS

Page	Index	Height X Width	Insert		
			Item code	Shape	
P.076	SVJ2C..CL 	10×10	VC..1103		
		12×12			
		16×16			
		20×20			
P.077	SVQB/C..CL 	12×12	VB..110 3		
		16×16	VC..110 3		
		20×20	VC..110 3		
		20×20	VB..160 4		
		25×25	VC..160 4		
		32×32	VC..160 4		
P.078	SVUC..CL 	20×20	VC..1604		
		25×25			
P.078	SVVCR..CL 	16×16	VC..1604		
		20×20			
		25×25			
P.079	SVVB/C..CL 	10×10	VB..110 3 VC..110 3		
		12×12			
		16×16			
		20×20			
		25×25	VB..160 4 VC..160 4		
		16×16			
		20×20			
		32×32			
P.080	SVA3CL 	12×12	VC..1103		
		16×16			
		20×20			
		25×25			
		25×25			

Page	Index	Height X Width	Insert	
			Item code	Shape
P.076	SVJ2B/C 	10×10	VB..110 3 VC..110 3	
		12×12		
		16×16		
		20×20		
		16×16	VC..1604	
		20×20		
25×25				
P.077	SVQB/C 	12×12	VB..110 3	
		16×16	VC..110 3	
		20×20	VC..110 3	
		20×20	VB..160 4	
		25×25	VC..160 4	
P.078	SVUC 	20×20	VC..1604	
		25×25		
P.078	SVVCR 	9.5×9.5	VC..1103	
		12.7×12.7		
		16×16		
		20×20	VC..1604	
		16×16		
		25×25		
P.079	SVVB/CN 	10×10	VB..110 3 VC..110 3	
		12×12		
		16×16		
		20×20		
		25×25	VB..160 4 VC..160 4	
		16×16		
		20×20		
		32×32		
P.080	LMH 	25-32M外徑墊高 輔助刀座		

內
徑
車
刀
BORING
BARS

外
徑
車
刀
TOOLHOLDERS

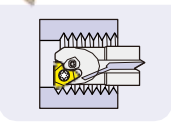
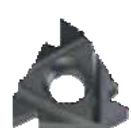
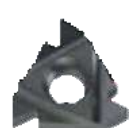
牙
刀
磨
槽
刀
THREADING
BORING

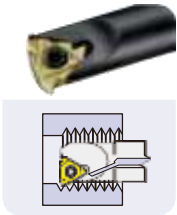
銑
刀
MILLING

孔
加
工
BORING
TOOLS
COMPONENTS

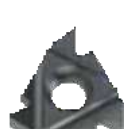
配
件
SPARE
PARTS

內徑牙刀 *INTERNAL THREADING BORING BARS*

Page	Index	ØD	Insert	
			Item code	Shape
P.086	SNR/L..CL 	20	16NR/L	
		25		
		32		
		40		
		20	22NR/L	
		25		
		32		
P.088	SNR/L-2 	12	06NR/L	
		16	08NR/L 11NR/L	
		16	11NR/L	
		20		

Page	Index	ØD	Insert	
			Item code	Shape
P.087	SNR/L-1	8	08NR/L	
		10	11NR/L	
		12		
		16		
		20	16NR/L 22NR/L	
		25		
		32		
		40		

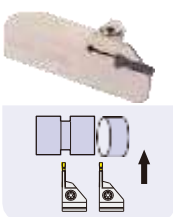
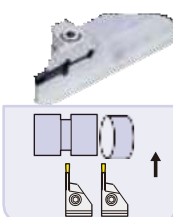
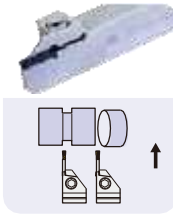
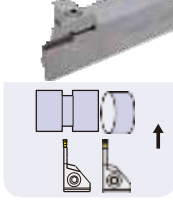
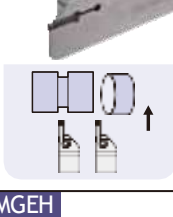
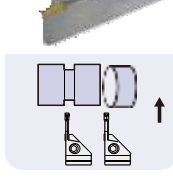
外徑牙刀 *EXTERNAL THREADING TOOLHOLDERS*

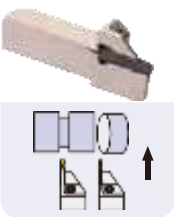
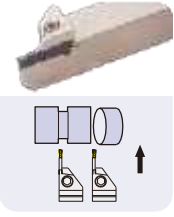
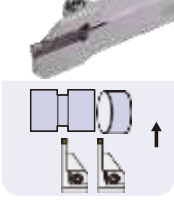
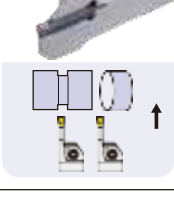
Page	Index	Height X Width	Insert	
			Item code	Shape
P.089	SER/L..CL 	10X10	16ER/L	
		12X12		
		12X16		
		16X16		
		20X20		
		25X25		
		32X32		
P.090	SKER/L 	12X12	16ER/L	
		16X16		
		20X20		
		25X25		
P.093	WTH 	20X20	MTTR/L43..	
		25X25		
		32X32		

Page	Index	Height X Width	Insert	
			Item code	Shape
P.089	SER/L 	10X10	16ER/L	
		12X12		
		12X16		
		16X16		
		20X20	16ER/L 22ER/L	
		25X25		
		32X32	27ER/L	
		25X25 32X32		
P.093	WT1 	16X16	MTTR/L43..	
		20X20		
		25X25		



外徑切槽刀 *EXTERNAL GROOVING TOOL HOLDERS*

Page	Index	Height X Width	Insert	
			Item code	Shape
P.095	WMTC 	10×10	WMTC015.. WMTC020..	
		12×12	WMTC015.. WMTC020.. WMTC094.. WMTC030..	
		16×16		
		20×20	WMTC020.. WMTC030..	
		25×25		
P.096	DGH 	16×16	DGM20CE	 
		20×20		
		16×16	DGM30CT DGM30CE DGM40CT DGJ40CE DGM50CT	
		20×20		
		25×25		
		32×32		
P.097	GYM 	20×20	GY2M03.. GY2M04.. GY2M05..	
		25×25		
		32×32		
P.099	GNDL 	16×16	GCMN30..	
		20×20	GCMN20.. GCMN30.. GCMN40..	
		25×25		
P.100	GNDM 	16×16	GCMN30..	
		20×20	GCMN30.. GCMN40..	
		25×25	GCMN30.. GCMN40.. GCMN50.. GCMN60..	
P.102	MGEH 	10×10	MGMN 150	
		12×12	MGMN 250	
		16×16	MGMN 200 MGMN 300 MRMN 200 MRMN 300	
		20×20		
		25×25		

Page	Index	Height X Width	Insert	
			Item code	Shape
P.095	WMTC..LH 	10×10	WMTC015.. WMTC020..	
		12×12	WMTC015.. WMTC020.. WMTC094.. WMTC030..	
		16×16	WMTC020.. WMTC094..	
P.097	GYM..LH 	10×10	GY2M02..	
		12×12		
		16×16	GY2M02.. GY2M03..	
P.99	GNDL..LH 	12×12	GCMN20.. GCMN30..	
		16×16	GCMN20..	
P.100	GNDM..LH 	12×12	GCMN30..	

內
徑
車
刀
BORING BARS

外
徑
車
刀
TOOL HOLDERS

牙
刀
齒
輪
切
削
刀
THREADING

銑
刀
MILLING

孔
加
工
BORING TOOLS COMPONENTS

配
件
SPARE PARTS

外徑切槽刀 *EXTERNAL GROOVING TOOL HOLDERS*

內
徑
車
刀
BORING BARS

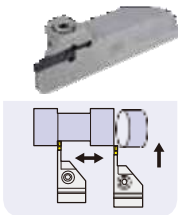
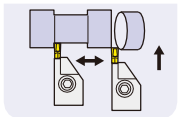
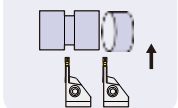
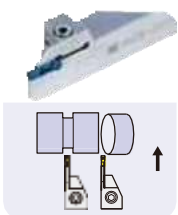
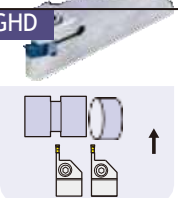
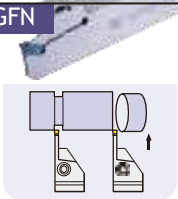
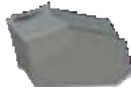
外
徑
車
刀
TOOL HOLDERS

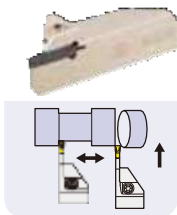
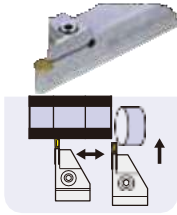
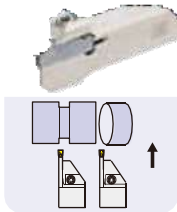
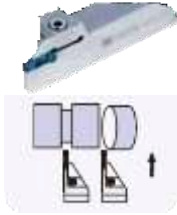
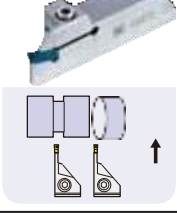
牙
刀
及
開
槽
刀
THREADING & GROOVING

銑
刀
MILLING

孔
加
工
BORING TOOL COMPONENTS

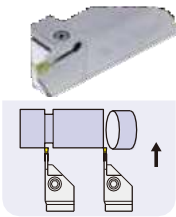
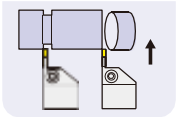
配
件
SPARE PARTS

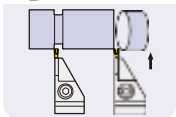
Page	Index	Height X Width	Insert	
			Item code	Shape
P.103	KGD 	10×10	GDM2020	
		12×12	GDM2020 GDM3020	
		16×16		
		20×20		
		25×25		
P.105	KGM 	12×12	GMM1520 GMM2020 GMM2520 GMM3020	
		16×16		
		20×20		
		25×25		
		20×20	GMM4020 GMM5020 GMM6020	
		25×25		
		32×32		
P.108	TTER/L 	20×20	TDC.. TSC.. TDJ.. TSJ.. TDT..	
		25×25		
P.109	DGT 	12×12	DGN20. . DGN22. .	
		16×16	DGN20. . DGN22. . DGN30. . DGN31. .	
		20×20		
		25×25		
P.111	GHD 	16×16	GIP.. GIF.. GIMF.. GIMY..	
		20×20		
		25×25		
P.113	GFN 	12×12	GF□ 2	
		16×16	GF□ 2 GF□ 3	
		20×20		
		25×25		

Page	Index	Height X Width	Insert	
			Item code	Shape
P.103	KGD..LH 	10×10	GDM2020	
		12×12	GDM2020 GDM3020	
		16×16		
P.107	KTKH 	12×12	TKN 2 TKN 2.4	
		16×16	TKN 2 TKN 2.4 TKN 3.1	
		20×20		
		25×25		
		25×25	TKN 4.1	
P.108	TTER/L...LH 	10×10	TDC.. TSC.. TDJ.. TSJ.. TDT..	
		12×12		
		16×16		
P.110	DGT...SH 	10×10	DGN20.. DGN22.. .	
		12×12		
		16×16		
P.112	GHG 	16×16	GIP.. GIF.. GIMF.. GIMY..	
		20×20		
		25×25		

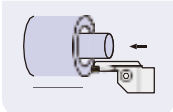


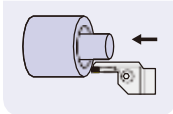
外徑切槽刀 *EXTERNAL GROOVING TOOL HOLDERS*

Page	Index	Height X Width	Insert	
			Item code	Shape
P.114	R/LF151.23 	16×16	N151.2-200.. N151.2-250.. N151.2-300..	
		20×20		
		25×25		
P.116	A3SM 	16×16	A2022..	
		20×20		
		25×25		

Page	Index	Height X Width	Insert	
			Item code	Shape
P.115	A3SC  	10×10	A2022..	
		12×12		
		16×16	A2022.. A2030.. .	
		20×20		
		25×25		
P.117	TNP  	16×16	TN300..	
		20×20		
		25×25		

外徑端面開槽刀 *EXTERNAL FACE GROOVING TOOL HOLDERS*

Page	Index	Hole Diameter		Insert	
		MIN	MAX	Item code	Shape
P.118	KGDFR  	30	45	GDFM3020..	
		45	65		
		65	85		
		85	110		
		110	145		
		35	50	GDFM4020..	
		50	70		
		70	100		
		100	150		
		150	220		
		220	800	GDFM5020..	
		50	75		
		75	115		
		115	180		
		180	235		
		235	800		

Page	Index	Hole Diameter		Insert	
		MIN	MAX	Item code	Shape
P.119	DGF 	28	34	DGM30CTF	
		34	45		
		45	70		
		70	100		
		100	140		
		140	200		
		200	800	DGM40CTF	
		28	34		
		34	45		
		45	70		
		70	100		
		100	140		
P.120		140	200	DGM50CTF	
		200	800		
		50	70		
		70	120		
		120	240		
		240	800		

內
徑
車
刀
BORING
BARS

外
徑
車
刀
TOOL
HOLDERS

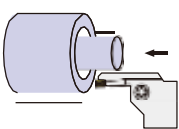
外
徑
切
槽
刀
THREADING
GROOVING

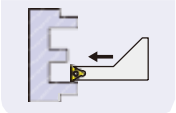
銑
刀
MILLING

孔
加
工
BORING
TOOL
COMPONENTS

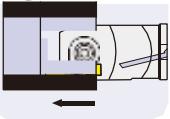
配
件
SPARE
PARTS

外徑端面開槽刀 *EXTERNAL FACE GROOVING TOOL HOLDERS*

Page	Index	Hole Diameter		Insert	
		MIN	MAX	Item code	Shape
P.121	HFAVR 	29	34	HFPR30..	
		34	40		
		40	48		
		48	60		
		60	75		
		75	100		
		100	140		
		140	200		
		200	800	HFPR40. GRIP40	
		29	34		
		34	40		
		40	48		
		48	60		
		60	75		
		75	100		
		100	140		
		140	200		
		200	800		

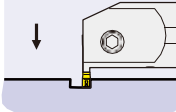
Page	Index	Height X Width	Adapter	
			Item code	Shape
P.122	HFAPR 	20X25	HFAVR	
	25X25			
P.123	STCP  	25X25	Insert	
			Item code	Shape
			TP..0902..	

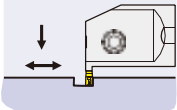
內徑端面開槽刀 *INTERNAL FACE GROOVING TOOL HOLDERS*

Page	Index	ØD	Insert	
			Item code	Shape
P.124	GIVFR  	16	GVFR..A	
		20	GVFR..B	
		25		
		32		

Page	Index	ØD	Insert	
			Item code	Shape

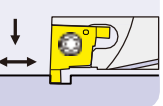
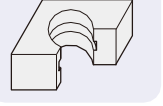
內徑開槽刀 *INTERNAL GROOVING TOOL HOLDERS*

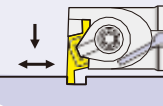
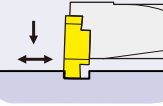
Page	Index	ØD	Insert	
			Item code	Shape
P.125	DGI  	20	DGM30CT DGM40CT	
		25		
		32		
		32	DGM50CT	
		40		

Page	Index	ØD	Insert	
			Item code	Shape
P.126	KIGMR  	16	GMM3014..	
		20	GMM3020. GDM3020..	
		25		
		32	GMM4020. GDM4020..	
		40		

內徑開槽刀

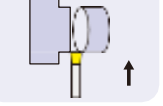
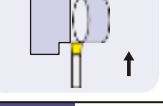
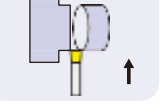
INTERNAL GROOVING TOOLHOLDERS

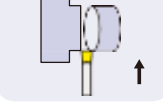
Page	Index	ØD	Insert	
			Item code	Shape
P.128	KIGER  	08	GER..A	
		10	GER..B	
		12	GER..C	
		16	GER..D	
		20		
P.130	GIVR-2  	16	GVR..S S GVR..S GVR..A	

Page	Index	ØD	Insert	
			Item code	Shape
P.129	GIVR-1  	8	GVR..SS	
		10	GVR..S	
		12	GVR..A	
		16	GVR..B	
		20		
		25		
P.132	FSL51  	8	MLG10..L MLT1001L	
		10		
		12	MLG14..L MLT1401L	
		14		
		16	MLG20..L MLT2001L	
		20		

切斷切槽刀板

PARTING & GROOVING TOOLHOLDERS

Page	Index	Height	Insert	
			Item code	Shape
P.133	STFH  	26	WCF □ 3	
		32		
P.134	SGFH  	26	GF□ 2/2.4 GF□ 3	
		32		
P.135	NF151.2  	26	N151.2-200..	
		32		

Page	Index	Height	Insert	
			Item code	Shape
P.133	KTKB  	26	TK□ 3 TK□ 4	
		32		
P.134	SGIH  	26	GT□ 2/2.4 GT□ 3 GT□ 4	
		32		
P.135	XLCFN  	26	FX3.1 FX4.1	
		32		

內徑車刀
BORING BARS

外徑車刀
TOOLHOLDERS

牙車槽刀
THREADING GROOVING

銑刀
MILLING

孔加工
BORING TOOL COMPONENTS

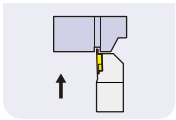
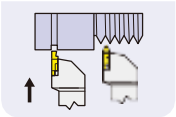
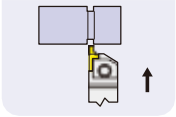
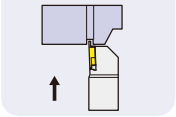
配件
SPARE PARTS

切斷板座 *TOOLBLOCK*

Page	Index	Height	Blade	
P.136		16	SGIH26..	SGIH32..
		20	SGFH26..	SGFH32..
		25	KTKB26..	KTKB32..
			XLCFN26..	XLCFN32..
		19.05	STFH26..	STFH32..
		25.4	NF151.2-26..	NF151.2-32..

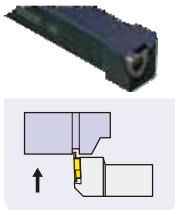
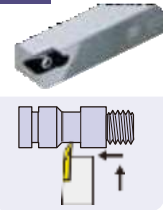
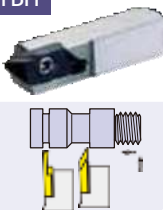
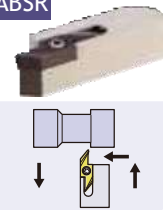
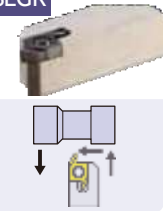
Page	Index	Height	Blade
P.136		25	SGIH26..
			SGFH26..
			KTKB26..
			XLCFN26..
			STFH26..
			NF151.2-26..

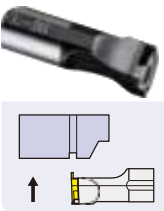
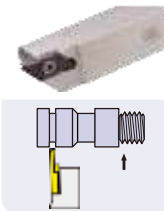
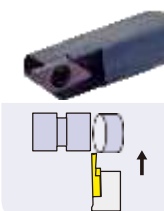
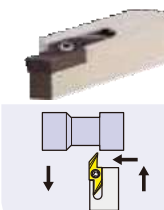
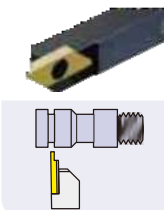
外徑切槽刀 *EXTERNAL GROOVING TOOL HOLDERS*

Page	Index	Height X Width	Insert	
			Item code	Shape
P.137	GTBH	10×10	GTBT.. GTCT..	
		12×12		
		16×16		
		20×20		
		P.138	SGH	12×12
	16×16			
	20×20			
	25×25			
P.140	WGH	20×20	MGTR/L33..	
		25×25		
		16×16	MGTR/L43..	
		20×20		
		25×25		
P.143	KTGF_F	10×10	TGF32R/L	
		10×12		
		12×12		
		16×16		
		20×20		

Page	Index	Height X Width	Insert	
			Item code	Shape
P.138		12×12	SMGTR16X2.. SMGTR16X2..C SMTTR1603 60..	
		16×16		
		20×20		
P.139		16×16	SMGTR16X2.. SMGTR16X2..C SMTTR1603 60..	
		20×20		
P.141		16×16	MGTR/L33.. MGTR/L43.. .	
		20×20		
		25×25		
		32×32		
P.143		16×16	TGF32R/L	
		20×20		
		25×25		

外徑切槽刀 *EXTERNAL GROOVING TOOL HOLDERS*

Page	Index	Height X Width	Insert	
			Item code	Shape
P.144	KTGFS 	16×16	TGF32R	
		20×20		
P.145 P.146 P.147	SAKGR 	10×10	AKBR 3.. AKCR 3.. AKPR 3.. AKGR 3.. AKTR 3.. AKRR 3..	
		12×12		
		16×16		
		20×20		
		25×25		
P.151	BTAH 	10×10	BTAT5528.. BTAT6035.. .	
		12×12		
		16×16		
P.153	CTBH 	10×10	BTBT60.. CTBT.. .	
		12×12		
		16×16		
		20×20		
P.155	SABSR 	10×10	ABS15R	
		12×12		
		16×16		
P.156	JSEGR 	10×10	J10ER..B.. .	
		12×12		

Page	Index	Height X Width	Insert	
			Item code	Shape
P.144	KTGFL 	Ø16	TGF32R	
P.148 P.149 P.150	SDKG 	10×10	DKCR/L 3.. DKPR/L 3.. DKBR/L 4.. DKGR/L 4.. DKTR/L 4.. DKRR/L 4..	
		12×12		
		16×16		
		20×20		
		25×25		
P.152	CTAHR 	10×10	CTAT	
		12×12		
		16×16		
		20×20		
P.154	KTKF 	10×10	TKF12R/L TKF16R/L	
		12×12		
		16×16		
		20×20	TKF16R/L	
		25×25		
P.155	SABWR 	08×10	ABW15R ABW23R	
		10×10		
		12×12		
		16×16		
		20×20		
		25×25		
P.157	SMALR 	10×10	MAGR3..	
		12×12		
		16×16		
		20×20		

內
徑
車
刀
BORING
BARS

外
徑
車
刀
TOOL
HOLDERS

外
徑
切
槽
刀
THREADING
GROOVING

銑
刀
MILLING

孔
加
工
BORING
TOOLS
COMPONENTS

配
件
SPARE
PARTS

45° 面銑刀

45° FACEMILLING CUTTERS



Page	Index	Cutter Dia	Insert	
			Item code	Shape
P.159	SNF 	Ø50-Ø160	SN..1205	
P.161 P.162	ASX445 	Ø50-Ø260	SE..13T3 R245-12T3	
P.164	TFM 	Ø50-Ø160	OFMT05T3..	

Page	Index	Cutter Dia	Insert	
			Item code	Shape
P.160	NFK 	Ø50-Ø160	OD..0605	
P.163	MOF 	Ø50-Ø125	OFMT0504..	

直角端銑刀

SHOULDER/CUTTING END MILLS



Page	Index	Cutter Dia	Insert	
			Item code	Shape
P.166	ASX400 	Ø50-Ø125	SO..12T3 WO..12T 3	 
P.167 P.168	APM shank 	Ø12-Ø35	AOMT1236..	

Page	Index	Cutter Dia	Insert	
			Item code	Shape
P.169	APM modular 	Ø16-Ø35	AOMT1236..	
P.170	APM shell 	Ø50-Ø80	AOMT1236. . AOMT1848.	



直角端銑刀
SHOULDER/CUTTING END MILLS



溝加工



側面加工



平面加工

Page	Index	Cutter Dia	Insert	
			Item code	Shape
P.171 P.172	BAP shank		Ø16-Ø32 APMT1135..	
			Ø25-Ø35 APMT1604..	
P.175	BXD shank		Ø25-Ø32 XDGT1550..	
P.176	ASPV modular		Ø16-Ø35 MPHW0603..	
P.177	ASM shank		Ø08-Ø25 JDMT0702..	
	ASM modular		Ø10-Ø25 JDMT0702..	
P.179	AHU shank		Ø16-Ø35 JDMT1003..R	
			Ø25-Ø35 JDMT1505..R	

Page	Index	Cutter Dia	Insert	
			Item code	Shape
P.173	BAP modular		Ø11-Ø36 APMT1135..	
			Ø25-Ø35 APMT1604..	
P.174	BAP shell		Ø40-Ø80 APMT1135..	
			Ø40-Ø125 APMT1604..	
P.175	BXD shell		Ø50-Ø80 XDGT1550..	
P.176	ASV shell		Ø50-Ø80 MPHW1205	
P.178	ASM_R shank		Ø10-Ø17 EDMT070220 .. JDMT0702..	
	ASM_R modular		Ø10-Ø25 EDMT070220 .. JDMT0702..	
P.180	AHU modular		Ø16-Ø35 JDMT1003..R	
			Ø25-Ø40 JDMT1505..R	
	AHU shell		Ø50-Ø80 JDMT1505..R	

內徑車刀
BORING BARS

外徑車刀
TOOL HOLDERS

牙刀
THREADING CUTTING

銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

直角端銑刀

SHOULDER/CUTTING END MILLS



內徑車刀
BORING BARS

外徑車刀
TOOL HOLDERS

牙刀
THREADING & GROOVING

銑刀
MILLING

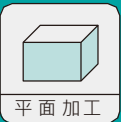
孔加工
BORING TOOL COMPONENTS

配件
SPARE PARTS

Page	Index	Cutter Dia	Insert	
			Item code	Shape
P.181	HCP shank 	Ø16-Ø33	CPMT0903..	
		Ø33	CPMT1204..	
P.183	UEX shank 	Ø12-Ø21	APET1202..	
		Ø25-Ø33	ADET1603..	
P.185	WEX shank 	Ø12	AXMT0602..	
		Ø10-Ø33	AXMT1235..	
		Ø25-Ø33	AXMT1705..	
P.188	WEM shank 	Ø15-Ø25	APMT1035..	
	WEM modular 	Ø16-Ø26	APMT1035..	

Page	Index	Cutter Dia	Insert	
			Item code	Shape
P.182	HCP shell 	Ø50-Ø63	CPMT0903..	
		Ø50-Ø80	CPMT1204..	
	AJC modular 	Ø16-Ø26	CCMT0602..	
P.184	UEX modular 	Ø16-Ø33	APET1202..	
		Ø25-Ø33	ADET1603..	
	UEX shell 	Ø40-Ø100	ADET1603..	
P.186	WEX modular 	Ø10-Ø33	AXMT1235..	
		Ø26-Ø33	AXMT1705..	
P.187	WEX shell 	Ø50-Ø80	AXMT1235..	
		Ø40	AXMT1705..	
P.189	MEA shank 	Ø12-Ø26	NDK.0903..	

直角端銑刀
SHOULDER/CUTTING END MILLS



Page	Index	Cutter Dia	Insert	
			Item code	Shape
P.190	MEC shank	Ø10-Ø13	BDMT0703..	
		Ø16-Ø33	BDMT11T3..	
P.192	TE90A06 shank	Ø08-Ø17	AXMT0602..	
P.193	TE90A shank	Ø12-Ø35	APKT09T3..	
		Ø25-Ø32	APKT1705..	
P.195	AKS shank	Ø10-Ø17	XOMT0602	
		Ø16-Ø33	XOMT0903..	
		Ø16-Ø35	XOMT10T3..	
		Ø18-Ø28	XOMT1204..	
P.197		Ø16-Ø32	APKT1003..	
		Ø24-Ø35	APKT1604..	

Page	Index	Cutter Dia	Insert	
			Item code	Shape
P.191	MEC modular	Ø10-Ø13	BDMT0703..	
		Ø16-Ø33	BDMT11T3..	
P.191	MEC shell	Ø40-Ø63	BDMT11T3..	
P.192	TE90A06 modular	Ø09-Ø17	AXMT0602..	
P.194	TE90A modular	Ø16-Ø35	APKT09T3..	
		Ø26-Ø35	APKT1705..	
P.194	TE90A shell	Ø50-Ø80	APKT09T3..	
P.196	AKS modular	Ø10-Ø25	XOMT0602	
		Ø16-Ø33	XOMT0903..	
P.198	CAP modular	Ø16-Ø26	APKT1003..	
P.199	CAP shell	Ø50-Ø63	APKT1003..	
		Ø40-Ø100	APKT1604..	

內徑車刀
BORING BARS

外徑車刀
TOOL HOLDERS

牙刀
THREADING CUTTING

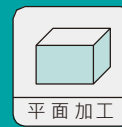
銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

直角端銑刀

SHOULDER/CUTTING END MILLS



Page	Index	Cutter Dia	Insert	
			Item code	Shape
P.200	CAPW shell		Ø80-Ø100	APKT1604..
P.201 P.202	VAX shank		Ø16-Ø35	R390-11T3
			Ø25-Ø33	R390-1704
P.205	TPS17 shank		Ø25-Ø32	ASMT1705

Page	Index	Cutter Dia	Insert	
			Item code	Shape
P.203	VAX modular		Ø16-Ø35	R390-11T3
			Ø25-Ø33	R390-1704
P.204	VAX shell		Ø50-Ø100	R390-11T3
			Ø50-Ø80	R390-1704
P.205	TPS17 shell		Ø63-Ø100	ASMT1705



鑽銑刀

BORING&MILLING CUTTER



孔加工



斜向加工



溝加工



曲面加工



側面加工

Page	Index	Cutter Dia	Insert		
			Item code	Item code	Shape
P.207	AQX shank		QO.T0830R. QO.T1035R. QO.T1342R.. QO.T1651R.. QO.T1856R.. QO.T2062R.. .	---	
P.209	AJU shank		Ø08-Ø11	CCMT060204..	 
			Ø12-Ø13	CPMT080204Z	
			Ø16-Ø17	CPMT080204Z	
			Ø20-Ø21	CPMT090204Z	
			Ø25-Ø26	CPMT120308Z	
			Ø32-Ø33	CPMT160408Z	
P.211	ASJ shank		Ø20-Ø21	ADMT1003..L	 
			Ø25-Ø26	ADMT12T3..L	
			Ø32-Ø33	APMT1604..L	
			Ø35	APMT1704..L	
P.213	ASJ shank (4 teeth)		Ø20-Ø21	ADMT1003..L	 
			Ø25-Ø26	ADMT12T3..L	
			Ø32-Ø33	APMT1604..L	
			Ø35	APMT1704..L	
P.215 P.216	RT shank		Ø06-Ø21	RT0702..	
			Ø16-Ø35	RT1003..	

Page	Index	Cutter Dia	Insert		
			Itemcode	Itemcode	Shape
P.208	AQX modular		QO.T0830R.. QO.T1035R.. QO.T1342R.. QO.T1651R.. .	---	
P.210	AJU modular		Ø16-Ø17	CPMT080204Z	 
			Ø20-Ø21	CPMT090204Z	
			Ø25-Ø26	CPMT120308Z	
			Ø32-Ø33	CPMT160408Z	
				CPMT120408..	
P.212	ASJ modular		Ø20-Ø21	ADMT1003..L	 
			Ø25-Ø26	ADMT12T3..L	
			Ø32-Ø33	APMT1604..L	
			Ø35	APMT1704..L	
			Ø40	APMT1905..L	
P.214	PG shank		Ø20-Ø21	PG100308..	
			Ø25-Ø26	PG130408..	
			Ø32-Ø33	PG160408..	
P.217	RT modular		Ø09-Ø21	RT0702..	
			Ø16-Ø35	RT1003..	
P.218	RT shell		Ø50-Ø66	RT1003..	

內徑車刀
BORING BARS

外徑車刀
TOOL HOLDERS

牙刀
THREADED TAPPING

銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

高進給銑刀

HIGHFEEDMILLS



內
徑
車
刀

外
徑
車
刀

牙
刀
開
槽
刀

銑
刀

孔
加
工

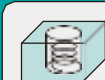
配
件

Page	Index	Cutter Dia	Insert	
			Item code	Shape
P.219	AJX shank	Ø20-Ø22	JO..06T2	
		Ø20-Ø35	JO..0803	
	AJX modular	Ø32-Ø40	JD..1204 WD..1204	
		Ø16-Ø35	JO..0803	
P.221	ASR shank	Ø20	EPNW0803..	
		Ø25-Ø35	EDNW10T3..	
		Ø32-Ø35	EDNW13T4....	
		ASR modular	Ø20	
		Ø25	EDNW10T3..	
		Ø35	EDNW13T4	
P.223	ASRS shank	Ø16-Ø35	EPMT0603..	
		Ø16-Ø35	EPMT0603..	
	ASRS modular	Ø16-Ø35	EPMT0603..	
				

Page	Index	Cutter Dia	Insert	
			Item code	Shape
P.220	AJX shell	Ø50-Ø80	JD..1204 WD..120 4	
		Ø63-Ø100	JD..1405 WD..140 5	
P.222	ASR shell	Ø50-Ø80	EDNW13T4..	
		Ø63-Ø100	EDNW15T4..	
P.224	ASRS..Cmodular	Ø25-Ø35	EPMT0603..	
	ASR shell	Ø52	EPMT0603..	



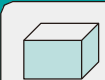
高進給銑刀
HIGH FEED MILLS



斜向加工



曲面加工



平面加工

Page	Index	Cutter Dia	Insert	
			Item code	Shape
P.225	ASS shank		Ø20-Ø35	SP..07T2
	AJX modular		Ø20-Ø35	SP..07T2
P.228	ASRF4 modular		Ø32-Ø42	SD..1205
P.229	EXN shank		Ø15-Ø35	LNMU03..
	TEBLshank		Ø16-Ø35	BLMP0603..

Page	Index	Cutter Dia	Insert	
			Item code	Shape
P.226	ASS shell		Ø50-Ø63	SP..07T2
	ASRF4 shell		Ø42-Ø80	SD..1205
P.230	EXN modular		Ø16-Ø42	LNMU03..
	EXN shell		Ø50	LNMU03..
P.232	TEBLmodular		Ø16-Ø42	BLMP0603..
	TEBLshell		Ø50	BLMP0603..

內徑車刀
BORING BARS

外徑車刀
TOOL HOLDERS

牙車
THREADING

銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

圓刃銑刀

CORNERROUNDINGENDMILLS



內
徑
車
刀

外
徑
車
刀

牙
刀
開
槽
刀

銑
刀

孔
加
工

配
件

Page	Index	Cutter Dia	Insert	
			Item code	Shape
P.233	BRP/RP shank 	Ø20	RP..08T2	
		Ø25-Ø26	RP..10T3	
		Ø25-Ø40	RP..1204	
		Ø20-Ø26	RP..1003	
P.234	RPM shell 	Ø50-Ø100	RP..1204	
P.235 P.236	HAR shank 	Ø10-Ø13	RD..0501	
		Ø12-Ø26	RD..0802	
		Ø25-Ø40	RD..10T3	
		Ø25	RD..1204	
P.239 P.240	HAR shell 	Ø40-Ø86	RD..10T3	
		Ø40-Ø80	RD..1204	
		Ø50-Ø160	RD..1604	
P.243	RD modular 	Ø09-Ø17	RD..0501	
		Ø15-Ø35	RD..0702	
		Ø20-Ø42	RD..1003	
P.245	TR shank 	Ø20-Ø35	RD..1003	
		Ø20-Ø35	RD..1003	

Page	Index	Cutter Dia	Insert	
			Item code	Shape
P.233	BRP/RP modular 	Ø25	RP..10T3	
		Ø25-Ø26	RP..1204	
		Ø20-Ø35	RP..1003	
P.237 P.238	HAR modular 	Ø10-Ø17	RD..0501	
		Ø16-Ø25	RD..0802	
		Ø20-Ø42	RD..10T3	
		Ø25-Ø42	RD..1204	
P.241 P.242	RD shank 	Ø09-Ø17	RD..0501	
		Ø15-Ø35	RD..0702	
		Ø20-Ø35	RD..1003	
P.244	RD shell 	Ø50-Ø80	RD..1003	
P.246	TR shell 	Ø50-Ø66	RD..1003	



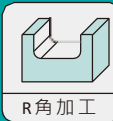
球型銑刀
BALLENDMILLS



Page	Index	Cutter Dia	Insert	
			Item code	Shape
P.247	SE shank		QP..12090 3 QP..1612T3 QP..20150 4	

Page	Index	Cutter Dia	Insert	
			Item code	Shape
P.248	SR shank		ZP 1200.. ZP 1600.. ZP 2000.. ZP 2500..	
	SR modular			

球型銑刀
BALLENDMILLS



Page	Index	Cutter Dia	Insert	
			Item code	Shape
P.249	WGRshank		WGRMT-D08 WGRMT-D30	
	WGRmodular			
P.251	PPH shank		PHB08.. PHB20.. .	
	PPH modular		BNM-080.. BNM-250.. .	
			SRFT10.. SRFT25.. .	

Page	Index	Cutter Dia	Insert	
			Item code	Shape
P.250	GWV shank		WPV 12.. WPV 20.. .	
	GWV modular		WPV 20.. WPV 25.. .	
P.252	PPHT shank		SUFT12R.. . SUFT16R.. . SUFT20R.. .	
	PPHT modular		RNM-120.. RNM-160.. RNM-200.. .	

內徑車刀
BORING BARS

外徑車刀
TOOL HOLDERS

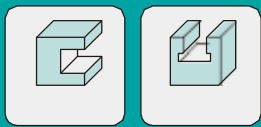
牙刀
THREADING CROW

銑刀
MILLING

孔加工
BORING TOOL COMPONENTS

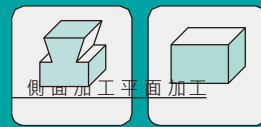
配件
SPARE PARTS

T型銑刀 T-SLOTEND MILLING CUTTERS



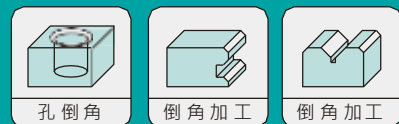
Page	Index	Cutter Dia	Insert	
			Item code	Shape
P.253	CCTshank	ø21-ø40	CCMT0602..	
		ø32-ø45	CCMT0803..	
		ø40-ø60	CCMT09T3..	
		ø50	CCMT1204..	
	CCTshell	ø100-ø125	CCMT0602..	
		ø80	CCMT0803..	

DCWR銑刀 DCWR DOVETAIL CUTTER



Page	Index	Cutter Dia	Insert	
			Item code	Shape
P.254	DCWR60° shank	ø16-ø30	DCMT0702..	
		ø40-ø60	DCMT11T3..	
	DCWR75° shank	ø50	DCMT11T3..	
	DCWR modular	ø35	DCMT0702..	
		ø40	DCMT11T3..	

倒角刀 CHAMFER MILLS



Page	Index	ØD	Insert	
			Item code	Shape
P.254	TCRMshank	ø21.5	TCMX16T308	
	TCRshank	ø25	TC..16T3	

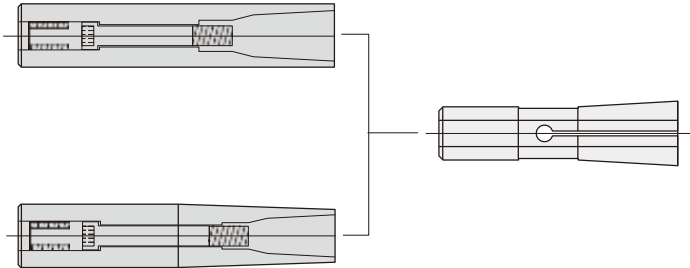
Page	Index	ØD	Insert	
			Item code	Shape
P.256	VMSP shank	ø22-ø35	SP..0903	
	VMSP modular	ø35	SP..0903	
	TPR shank	ø4	TP..1603	



連接式刀桿
EXTENSIONADAPTER

Page	Index	ØD	M	
P.257 P.258	MD 	Ø12-Ø32	M5-M16	
	MD 	Ø16-Ø42	M6-M16	
	HD Carbide 	Ø12-Ø32	M4-M16	
	Arbor 	BT40		

鎢鋼後拉式刀桿
CARBIDEHDCCHUCK&COLLET

Page	Index	ØD	Collet	
P.259	HDC/HUCchuck 	Ø8-Ø20	HDC 4 HDC 6 HUC 10	
	HDC/HUCchuck 	Ø12-Ø25	HDC 4 HDC 6 HUC 10	
	HDC/HUCcollet 	Ø3-Ø10		

內
徑
車
刀
BORING BARS

外
徑
車
刀
TOOL HOLDERS

牙
刀
開
槽
刀
THREADING CUTTING

銑
刀
MILLING

孔
加
工
BORING TOOL COMPONENTS

配
件
SPARE PARTS

替換式快速鑽頭

INDEXABLE INSERTS HIGH SPEED DRILLS

Page	Index	ØD	Insert	
			Item code	Shape
P.261		18-40	WC..03020 8	
			WC..04020 8	
			WC..05030 8	

Page	Index	ØD	Insert	
			Item code	Shape
P.262		13-39	WD..04..	
			WD..05..	
			WD..06..	
			WD..07..	
			WD..09..	
			WD..12..	

固定式粗搪刀

FIXED ROUGH BORING BARS



Page	Index	ØD	Insert	
			Item code	Shape
P.263 P.264		8-57	CC..060204	
			CC..09T304	
P.267 P.268 P.269		45-201	CC..09T304	
			CC..120404	
P.270		70-100	CP..090308	

Page	Index	ØD	Insert	
			Item code	Shape
P.265 P.266		8-57	CC..060204	
			CC..09T304	
P.270		26-40	CP..090308	
P.270		13-25	CC..060204	

可調式粗搪刀

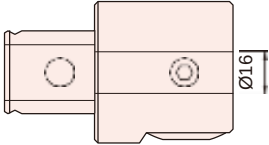
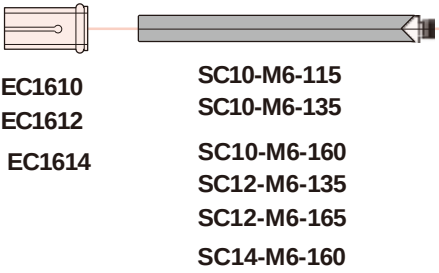
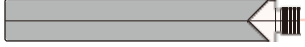
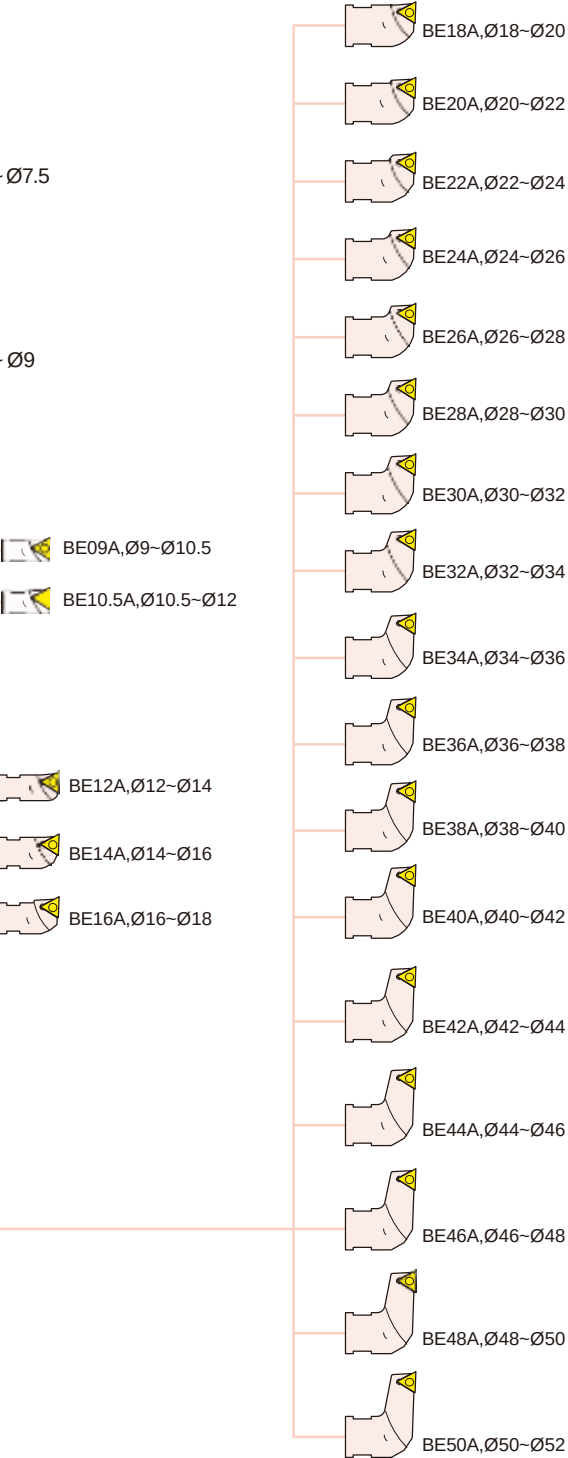
ADJUSTABLE ROUGH BORING BARS



Page	Index	Cutter Dia	Insert	
			Item code	Shape
P.271		175-425	CC..120404	

Page	Index	Cutter Dia	Insert	
			Item code	Shape

搪孔刀頭 & 配件
BORINGHEAD&PART

Page	
	
	 EC1605 SC05H-SWUBR-06 Ø6 ~ Ø7.5
	 EC1606 SC06J-SWUBR-06 Ø7 ~ Ø9
	 EC1608 SC08-M5-115
	 EC1610 SC10-M6-115 EC1612 SC10-M6-135 EC1614 SC10-M6-160 SC12-M6-135 SC12-M6-165 SC14-M6-160
	 SC16-M10-105 SC16-M10-140 SC16-M10-180
	 BE09A, Ø9~Ø10.5 BE10.5A, Ø10.5~Ø12 BE12A, Ø12~Ø14 BE14A, Ø14~Ø16 BE16A, Ø16~Ø18 BE18A, Ø18~Ø20 BE20A, Ø20~Ø22 BE22A, Ø22~Ø24 BE24A, Ø24~Ø26 BE26A, Ø26~Ø28 BE28A, Ø28~Ø30 BE30A, Ø30~Ø32 BE32A, Ø32~Ø34 BE34A, Ø34~Ø36 BE36A, Ø36~Ø38 BE38A, Ø38~Ø40 BE40A, Ø40~Ø42 BE42A, Ø42~Ø44 BE44A, Ø44~Ø46 BE46A, Ø46~Ø48 BE48A, Ø48~Ø50 BE50A, Ø50~Ø52

P.273
P.274

內
徑
車
刀
BORING BARS

外
徑
車
刀
TOOL HOLDERS

牙
方
螺
絲
刀
THREADING TOOL

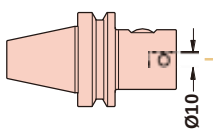
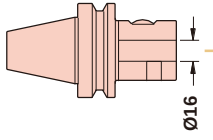
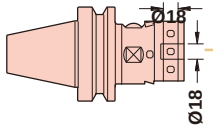
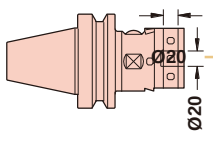
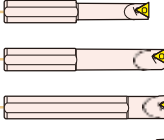
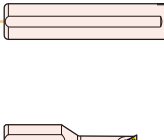
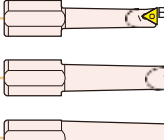
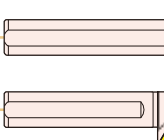
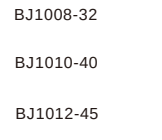
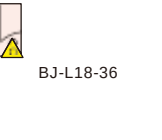
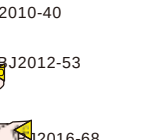
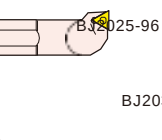
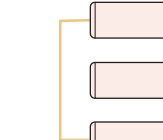
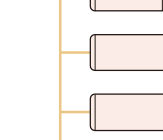
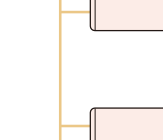
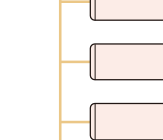
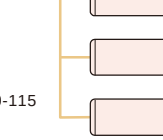
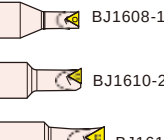
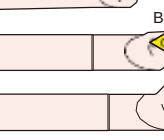
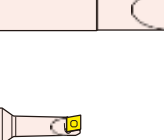
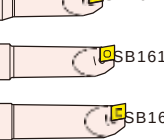
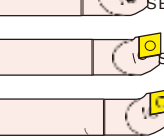
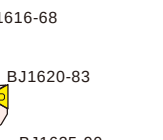
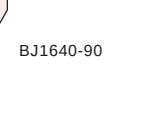
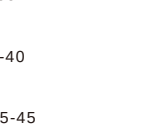
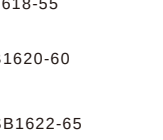
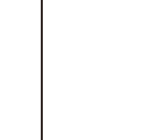
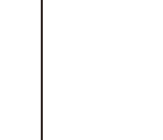
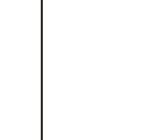
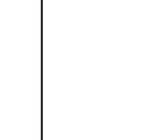
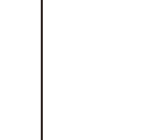
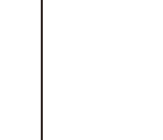
銑
刀
MILLING

孔
加
工
BORING TOOL COMPONENTS

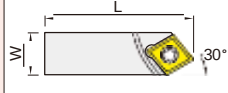
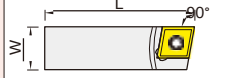
配
件
SPARE PARTS

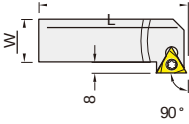
小徑搪刀
BORINGSHANK

- 內徑車刀
BORING BARS
- 外徑車刀
TOOL HOLDERS
- 牙刀
THREADING & GROOVING
- 銑刀
MILLING
- 孔加工
BORING TOOL COMPONENTS
- 配件
SPARE PARTS

Page	
P.275	
P.276	
P.277	
P.278	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	

小徑搪刀
BORINGSHANK

Page	Index	Height × Width	Insert Item code	Shape	
P.279	TBS 	6×6	CC..0602		
		8×8			
		10×10			
			13×13		CC..09T3
		16×16			
			19×19		CC..1204
		25×25			
	SBS 	6×6	TP..0902		
		8×8			
		10×10			
			13×13		TP..1103
		16×16			
			16×16		TP..1603
		19×19			
	25×25				
	TBSL 	6×6	CC..0602		
		8×8			
		10×10			
		13×13	CC..09T3		
		16×16			
		19×19	CC..1204		
		25×25			

Page	Index	Height × Width	Insert			
			Item code	Shape		
P.257	TSBS   	6×6	TC..0902			
		8×8				
		10×10				
		13×13	TC..1102			
		16×16	TC..16T3			
		19×19				
		25×25				
		SBS.. A   	8×8		TP..0902	
	10×10					
	13×13		TP..1103			
	16×16					
	19×19		TP..1603			
	BSB 		16×16	TP..1103		
			20×20			
			25×25			

內
徑
車
刀
BORING
BARS

外
徑
車
刀
TOOLHOLDERS

牙
輪
磨
削
THROU
SPOUING

銑
刀
MILLING

孔
加
工
BORING
TOOLS
COMPONENTS

配
件
SPARE
PARTS

卡式刀座

Cartridges

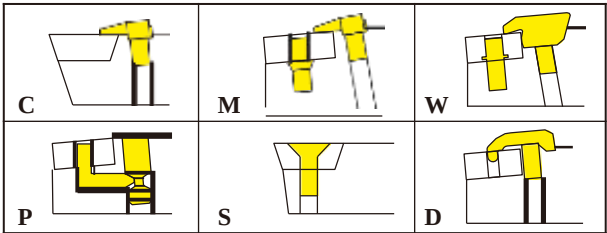
內徑車刀
外徑車刀
牙刀
開槽刀
銑刀
孔加工
配件

Page	Index	Height	Insert	
			Item code	Shape
P.280	SCFC 	08CA	CC..0602..	
		10CA	CC..09T3..	
		12CA	CC..1204..	
P.280	SSSPR 	10CA	SP..0903..	
P.280	STFPR 	08CA	TP..0902..	
		10CA	TP..1103..	
		12CA	TP..1603..	
P.281	STSPR 	08CA	TP..0902..	
		10CA	TP..1103..	
		12CA	TP..1603..	
P.281	STTCR 	08CA	TC..0902..	

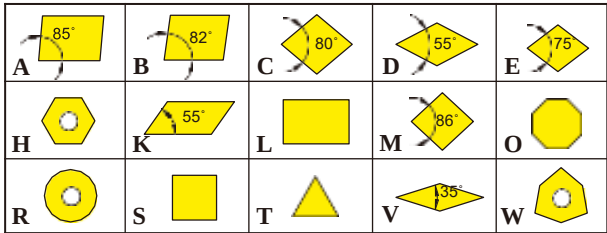
Page	Index	Height	Insert	
			Item code	Shape
P.280	SRSCR 	10CA	RC..10T3..	
P.280	STFCR 	08CA	TC..0902..	
		10CA	TC..1102..	
		12CA	TC..16T3..	
P.281	STGCL 	12CA	TC..16T3..	
P.281	STSCR 	08CA	TC..0902..	
		10CA	TC..1102..	
		12CA	TC..16T3..	

M	C	L	N	R	2	5	2	5	M	1	2	*
1	2	3	4	5	6	7	8	9	10	11	12	13

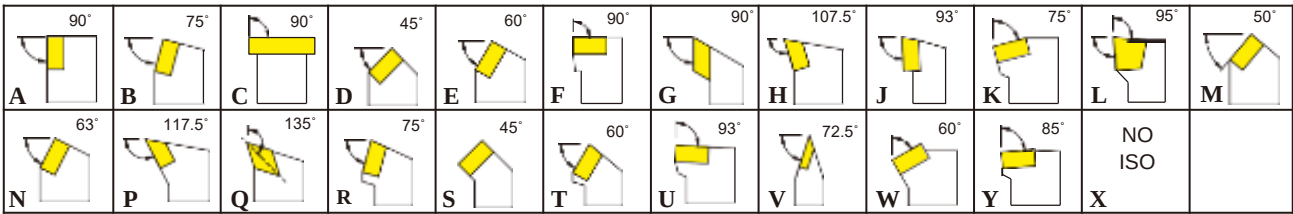
1 刀片挾持方式 TYPE OF LOCKING



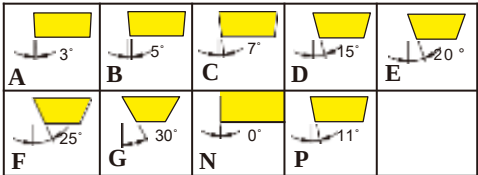
2 刀片形狀 INSERT SHAPE



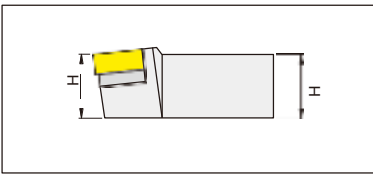
3 切入角 TYPE OF TOOL



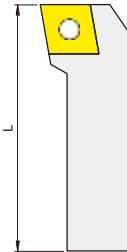
4 刀片逃隙角 RAKE ANGLES



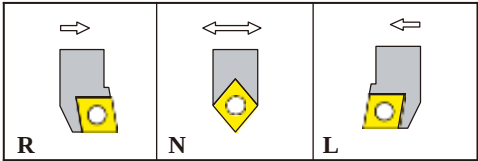
6/7 刀柄高度 SHANK HEIGHT



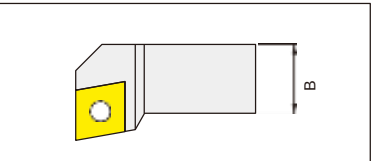
10 刀柄長度 TOOL LENGTH

	32	A
	40	B
	50	C
	60	D
	70	E
	80	F
	90	G
	100	H
	110	J
	125	K
	140	L
	150	M
	160	N
	170	P
	180	Q
	200	R
	250	S
300	T	
350	U	
400	V	
450	W	
500	Y	
SPECIAL	X	

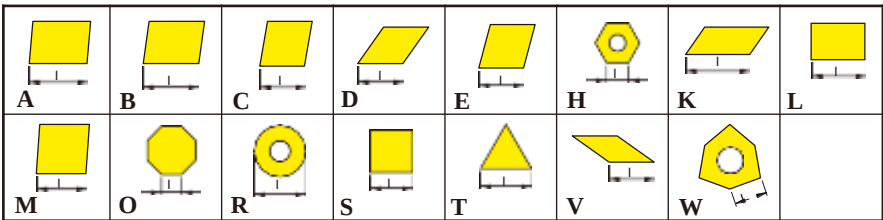
5 方向 HAND OF TOOL



8/9 刀柄寬度 SHANK WIDTH



11/12 切刃長 CUTTING EDGE LENGTH



13 特殊註記 OPTIONAL CODE

INSERTS R-L

TOOLS DESIGNATION:INTERNALTURNING

S	2	0	R	S	C	L	C	R	0	9	*
6	8	9	10	1	2	3	4	5	11	12	13

6 刀柄SHANK

S= 鋼柄 Steelshank

A = 鋼柄+中心水孔 Steel shank+coolant hole

B = 抗震鋼柄 Steel shank+device anti-vibration

C = 鎢鋼柄 Cemented carbide shank with steel head

D = 抗震鋼柄+中心水孔 Steel shank+device anti-vibration+coolant hole

E = 鎢鋼柄+中心水孔 Cemented carbide shank with steel head+coolant hole

F = 抗震鎢鋼柄 Cemented carbide shank with steel head+device anti-vibration

G = 抗震鎢鋼柄+中心水孔 Cemented carbide shank with steel head+device anti-vibration+coolant hole

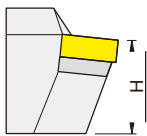
H = 重金屬 Heavy metal shank

J= 重金屬+中心水孔 Heavy metal shank+coolant hole

卡式刀座指定系統 CARTRIDGESDESIGNATION

S	T	F	C	R	1	0	C	A	1	1
1	2	3	4	5	6	7	8	9	11	12

6/7 SHANK HEIGHT



8 TYPE OF TOOL

C=Cartridge

9 EXECUTION

A=ISO 5611

內徑車刀
BORING BARS

外徑車刀
TOOL HOLDERS

牙刀
THREADING

銑刀
MILLING

孔加工
BORING TOOL COMPONENTS

配件
SPARE PARTS



ISO 刀具指定系統

ISO DESIGNATIONS FOR INSERTS

內徑車刀
BORING BARS
外徑車刀
TOOL HOLDERS
牙刀 & 開槽刀
THREADING GROOVING
銑刀
MILLING
孔加工
BORING TOOL COMPONENTS
配件
SPARE PARTS

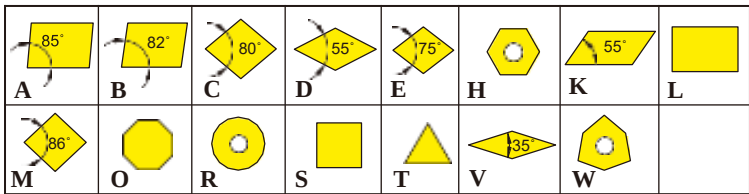
C	N	M	G
---	---	---	---

1	2	3	4
---	---	---	---

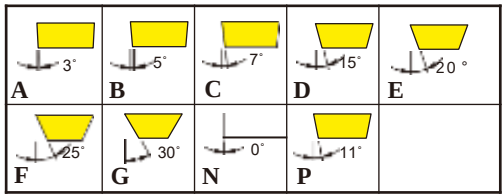
12	04	08	(E)	(N)	(MR)
----	----	----	-----	-----	------

5	6	7	8	9	10
---	---	---	---	---	----

1 刀片形狀INSERT SHAPE



2 刀片逃角CLEARANCE ANGLE



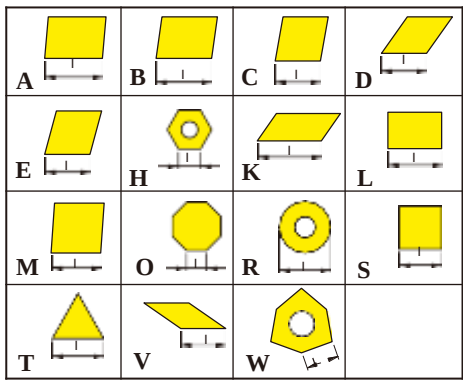
3 刀片公差 TOLERANCES CLASS

Tolerance		Range of tolerance	
	d±	m±	S±
A	0.025	0.005	0.025
C	0.025	0.013	0.025
E	0.025	0.025	0.025
F	0.013	0.005	0.025
G	0.025	0.025	0.05-0.13
H	0.013	0.013	0.025
J	0.05-0.15	0.005	0.025
K	0.05-0.15	0.013	0.025
L	0.05-0.15	0.025	0.025
M	0.05-0.15	0.08-0.2	0.05-0.13
N	0.05-0.15	0.08-0.2	0.025
U	0.08-0.25	0.13-0.38	0.13

4 刀片溝孔 INSERT FEATURES

A		
C		
F		
G		
H		
J		
M		
N		
Q		
R		
T		
U		
W		
X	Special shape	

5 刀片邊長 EDGE LENGTH



8 刀口角度 CUTTING EDGE

E	F	T	S
Rounded	Sharp	Chamfered	Chamfered and rounded

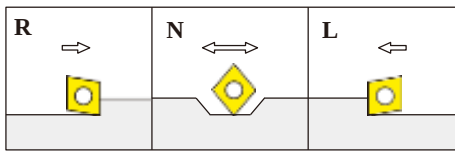
6 刀片厚度 TIP THICKNESS

		Index	01	T1	02	03	T3	04	05	06	07	09
		S(mm)	1.59	1.98	2.38	3.18	3.97	4.76	5.56	6.35	7.94	9.52

7 刀尖R角 CORNER RADIUS

		Index	02	04	08	12	16	24	00	00: Round insert (inch) MO: Round insert (metr)
		r(mm)	0.2	0.4	0.8	1.2	1.6	2.4	0	

9 刃口方向 CUTTING DIRECTION



10 排屑槽 Manufacture's typedesignation

Chip breaker design

-MG -M -MR -D -DK