

Perfect Your need

您的需求，我們做到最好



三井 Shan Gin 一貫的品質堅持

弘展切削工具成立於1989年，以專業、穩健的精神創立「三井」品牌，30年來專業製造捨棄式精密刀具。我們客戶遍布全球。我們在所擅長的領域，配合客戶不同的需求，生產高穩定性且迎合客戶、市場要求的專業刀架。產品涵蓋多種捨棄式精密刀具，如外徑車刀、內徑車刀、切斷刀、小部品（多機能自動車刀）、槽刀、直角端銑刀、45度面銑刀、鑽銑刀、球刀、圓鼻刀、快削刀、快速鑽頭、搪孔刀、卡式刀座...等，能多方面滿足您對切削刀具的需求。本公司集合多年的實務經驗與新技術的不斷提昇，秉持產品質量=企業生命，將傳達三井品牌的精神並隨時提供客戶完整的解決方案。

Our Quality Insistence can Perfect Your need.

Shan Gin Cutting Tools, a Taiwanese based brand manufacturing from Hon Jan Cutting Tools Co., Ltd founded in 1989. We have been designing and manufacturing indexable cutting tools for over 30 years. A comprehensive range of Shan Gin Cutting Tools provide a best total solution to any of your manufacturing needs. Our engineers all come from a technical and application background in order to provide technical advice & support, practical experience and new ideas. We have the widest products such as toolholders, boring bars, turning tools, small tools, threading, grooving, boring tools, millings, face mill, shell mills, modular type mills, high-speed drills, CNC cartridges...and etc. All contribute to your general machining applications. Our mission is to Perfect your need in total solutions for metal cutting machining.

SHAN GIN

Safety Notes for Cutting Tools

1. Before using and handling any cutting tool products and cutting tool materials, be sure to read this guideline so they are used correctly.
2. Always use the parts which are prescribed.
3. Please clean up insert pockets or clamping parts before setting insert and confirm that the insert or parts are clamped completely.
4. Never get close to or touch rotating or moving tools.
5. When cutting, flying chips or metal pieces may be dangerous. Use protective materials to prevent injury.
6. Some toolings are heavy, especially carbide base material. Handle with care when transferring and storing. Safety shoes should be put on at all time to prevent injury.

Disclaimer

Tool dimensions and tool sizes on this catalog
could be changed in every moment
without duty to advise customer.

Die in diesem Katalog angegebenen Abmessungen
können ohne Voranzeige an den Kunden geändert werden.

Le dimensioni e le misure riportate in questo catalogo
possono essere variate in qualsiasi momento
senza obbligo di darne notizia.

Размеры инструмента могут быть изменены
без предварительного уведомления.

Les dimensions et les mesures sur ce catalogue
peuvent être changées à n'importe quel moment
sans l'obligation de renseigner les clients.

本公司保有產品規格變更的權利

MFH03 / 系列

MFH03 SERIES

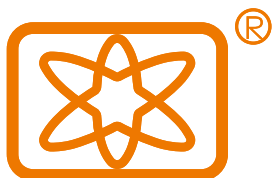
- 使用高剛性材質，在高速加工時提高性能。
The hard steel design to perfect the performance in high feed machining
- 增加排屑量，提高生產效率
Increased chip evacuation and improve productivity
- 雙面4個切削刃更符合經濟效益。
Works efficiently with 4 insert edges
- 高進給系統不僅可降低切削阻力亦可進行多樣加工，如:斜向加工、平面加工、曲面加工...等。
The high feed milling cutter offers low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





三井
SHAN GIN

弘展切削工具有限公司 HON JAN CUTTING TOOLS CO., LTD.

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FAX : 86-0769-85844291



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SHAN GIN CUTTING TOOLS

※完善售後服務
追求精緻卓越



三井
SHAN GIN

替換式刀刃 切削工具

INDEXABLE
INSERT
CUTTING TOOLS

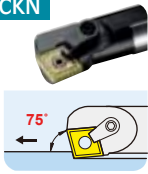
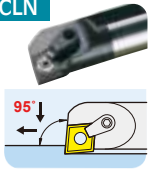
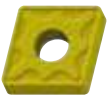
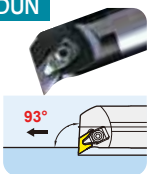
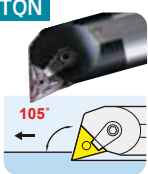
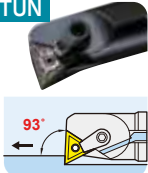
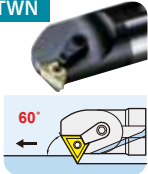


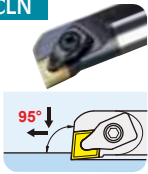
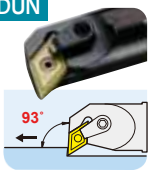
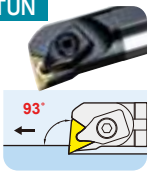
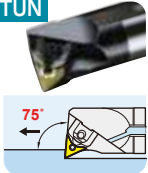
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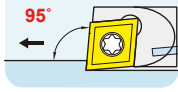
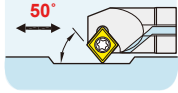
內徑車刀 BORING BARS

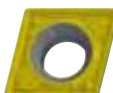
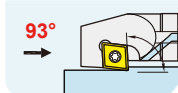
BORING BARS 內徑車刀
TOOLHOLDERS 外徑車刀
THREADING & GROOVING 牙刀 & 開槽刀
MILLING 銑刀
BORING TOOLS COMPONENTS 孔加工
SPARE PARTS 配件

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			Item code	Shape
P.001	MCKN 	20	CN..1204	
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P.002	MCLN 	20	CN..1204	
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		50		
		60		
P.003	DDUN 	32	DN..1504 DN..1506	
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P.004	MTQN 	20	TN..1604	
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P.005	MTUN 	20	TN..1604	
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P.006	MTWN 	20	TN..1604	
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		32		
P.007	DVUN 	40	VN..1604	
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P.008	DWLN 	20	WN..0804	
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P.002	MSKN 	25	SN..1204	
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P.004	DTUN 	20	TN..1604	
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P.005	WTUN 	32	TN..1604	
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P.007	MVUN 	25	VN..1604	
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P.008	MWLN 	20	WN..0804	
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內徑車刀 BORING BARS

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P.009	SCLC  	8	CC..0602	
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		12	CC..09T3	
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		32	CC..1204	
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		10	CP..0903	
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		P.013	SCLC/P  	
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1204				
1206	CC..0401			
1607	CC..0602			
1608				
1609				
1612	CP..0802			
2014	CP..0903			
2016				
P.015	SCNC/P  	12	CC..0602	
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P.016	SDJC  	8	DC..0702	
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		1608		
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Page	Index	ØD	Insert	
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		6	CC..0401	
		7	CC..0602	
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		10		
		12		
		14		
		16	CC..09T3	
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		14		
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P.012	SCLP.. Carbide shank  	10	CP..0802	
		12	CP..0903	
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		16		
		20		
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P.014	SCKC/P  	8	CC..0602	
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P.015	SCZC  	8	CC..0602	
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		40	CC..1204	

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 TOOLS COMPONENTS

配件
SPARE PARTS

內徑車刀 BORING BARS

BORING BARS
內徑車刀

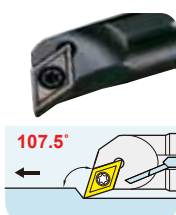
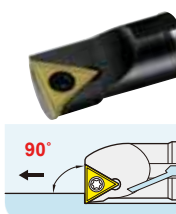
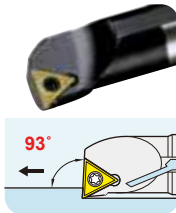
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外徑車刀

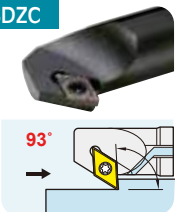
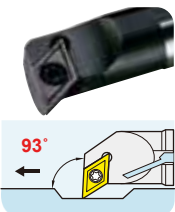
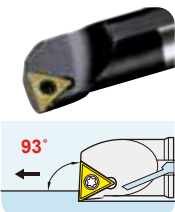
THREADING & GROOVING
牙刀 & 開槽刀

MILLING
銑刀

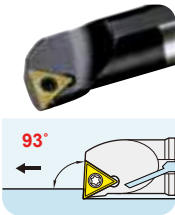
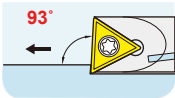
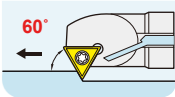
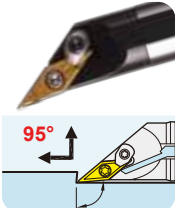
BORING TOOLS COMPONENTS
孔加工

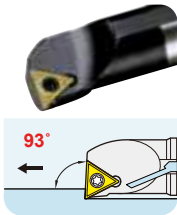
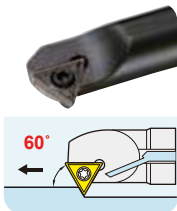
SPARE PARTS
配件

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P.018	SDQC 	10	DC..0702	
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P.020	STFC/P 	6	TC..0601	
		8	TC..0902	
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		10	TC..1102	
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		16	TC..16T3	
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		16	TP..1603	
P.021	STUB/C 	6	TB..0601	
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		20	DC..11T3	
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P.022	STUB/C.. Carbide shank 	6	TB..0601	
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		8	TC..0902	
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		10	TC..1102	
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內徑車刀 BORING BARS

Page	Index	ØD	Insert		
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		16			
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		10			TP..1103
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		23			
		25			
		20	TP..1603		
		25	TP..16T3		
32	TP..1604				
P.025	STUB/C 	0806	TB..0601		
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		1207			
		1206	TC..0601		
		1207			
P.026	STWC 	0806	TB..0601		
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Page	Index	ØD	Insert			
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		20	TP..1604			
P.026	STWP 	8	TP..0802			
		8	TP..0902			
		10				
		10	TP..1103			
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		14				
		16				
		20				
		20			TP..1603	

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 TOOLS COMPONENTS

配件
SPARE PARTS

內徑車刀 BORING BARS

BORING BARS
內徑車刀

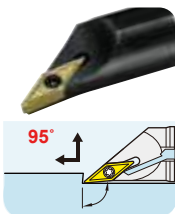
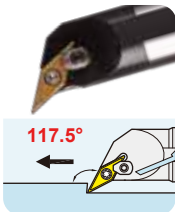
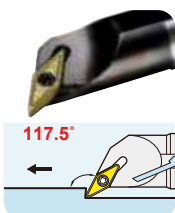
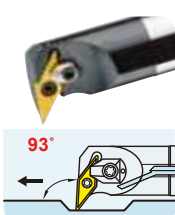
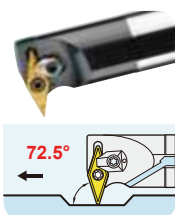
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外徑車刀

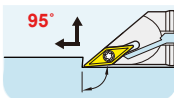
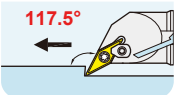
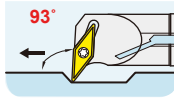
THREADING & GROOVING
牙刀 & 開槽刀

MILLING
銑刀

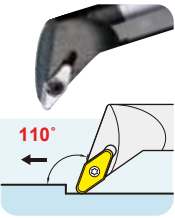
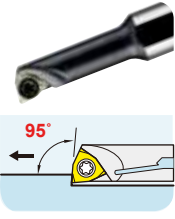
BORING TOOLS COMPONENTS
孔加工

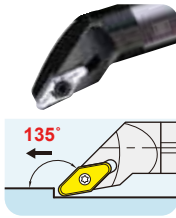
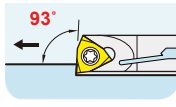
SPARE PARTS
配件

Page	Index	ØD	Insert	
			Item code	Shape
P.028	SVJB/C 	8	VC..0802	
		10		
		10		
		12	VB..1103 VC..1103	
		16		
		20		
		16	VB..1604 VC..1604	
		20		
		25		
		32		
		40		
P.030	SVQB/C...CL 	20	VB..1103 VC..1103	
		25		
		32		
		40		
		20	VB..1604 VC..1604	
		25		
		32		
		40		
P.031	SVQB/C 	12	VB..1103 VC..1103	
		16		
		20		
		20	VB..1604 VC..1604	
		25		
		32		
		40		
P.033	SVUB/C...CL 	16	VB..1103 VC..1103	
		20		
		20	VB..1604	
		25		
		40		
		20		
		25	VC..1604	
		32		
		40		
P.035	SVVB/C...CL 	16	VB..1103 VC..1103	
		20		
		25	VB..1604 VC..1604	
		32		

Page	Index	ØD	Insert	
			Item code	Shape
P.029	SVJB/C.. Carbide shank  	8	VC..0802	
		10		
		10	VB..1103 VC..1103	
		12		
		16		
		20	VB..1604 VC..1604	
		16		
		20		
25				
P.030	SVQB/C.. Carbide shank  	20	VB..1604 VC..1604	
		25		
P.032	SVQB/C.. Carbide shank  	12	VB..1103 VC..1103	
		16		
		20	VB..1604 VC..1604	
		20		
		25		
		P.034	SVUB/C  	
1612				
16	VB..1103 VC..1103			
20				
25	VB..1604 VC..1604			
32				
40				
P.035	SVVB/C  	25	VB..1604 VC..1604	
		32		

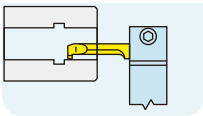
內徑車刀 BORING BARS

Page	Index	ØD	Insert	
			Item code	Shape
P.036	SVXC	25	VC..2205	
				
P.037	SWLC	0805	WC..0201	
		1005		
		1006		
				

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

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
TOOLHOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

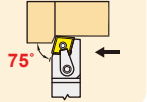
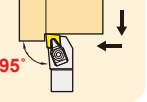
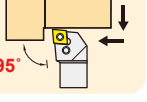
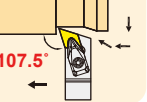
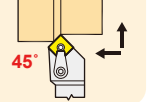
銑刀
MILLING

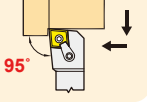
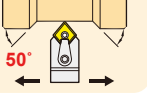
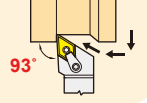
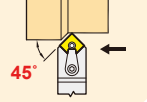
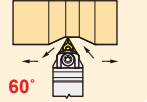
孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

外徑車刀 TOOLHOLDERS

內徑車刀
外徑車刀
牙刀 & 開槽刀
銑刀
孔加工
配件

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		
		25×25		
		32×32		
P.048	PCLN  	20×20	CN..1204	
		25×25		
		32×32		
P.049	DDJN  	20×20	DN..1504 DN..1506	
		25×25		
		32×32		
P.050	DDQN  	20×20	DN..1504 DN..1506	
		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	
		20×20		
		25×25		
		32×32		
P.048	MCNN  	16×16	CN..1204	
		20×20		
		25×25		
		32×32		
P.049	MDJN  	20×20	DN..1504 DN..1506	
		25×25		
		32×32		
P.050	MSDN  	20×20	SN..1204	
		25×25		
		32×32		
P.051	MTEN  	12×16	TN..1604	
		16×16		
		20×20		
		25×25		

外徑車刀 TOOLHOLDERS

Page	Index	Height X Width	Insert	
			Item code	Shape
P.052	DTFN 	16×16	TN..1604	
		20×20		
		25×25		
		32×32		
P.053	PTFN 	20×20	TN..1604	
		25×25		
P.054	MTJN 	12×16	TN..1604	
		16×16		
		20×20		
		25×25		
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		
		25×25		
		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 & 開槽刀
THREADING & GROOVING

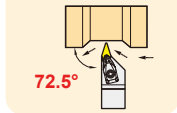
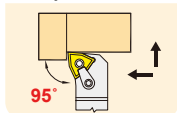
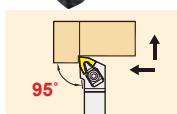
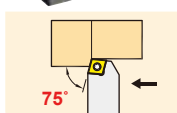
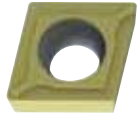
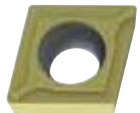
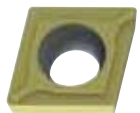
銑刀
MILLING

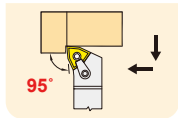
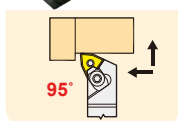
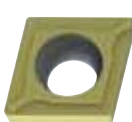
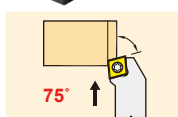
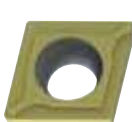
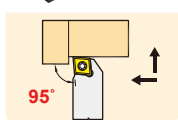
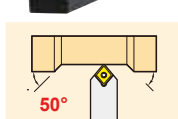
孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

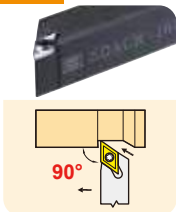
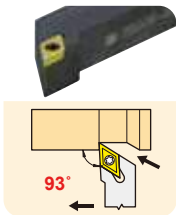
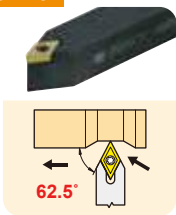
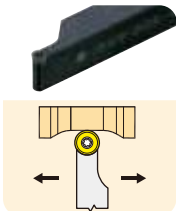
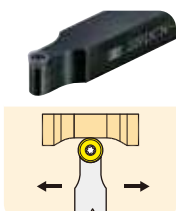
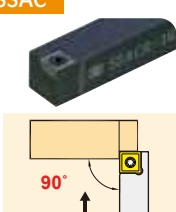
外徑車刀 TOOLHOLDERS

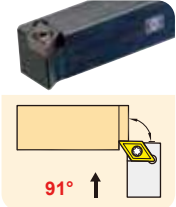
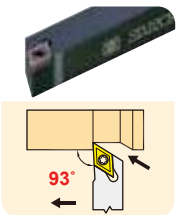
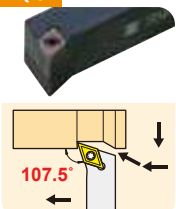
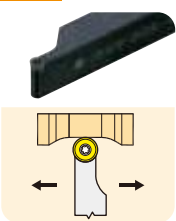
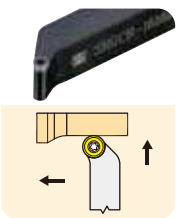
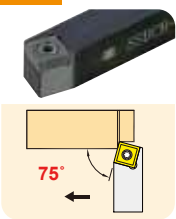
內徑車刀
BORING BARS
外徑車刀
TOOLHOLDERS
牙刀 & 開槽刀
THREADING & GROOVING
銑刀
MILLING
孔加工
BORING TOOLS COMPONENTS
配件
SPARE PARTS

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		
		25×25		
		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		
		25×25		

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

外徑車刀 TOOLHOLDERS

Page	Index	Height X Width	Insert	
			Item code	Shape
P.064	SDAC 	10×10	DC..0702 DC..11T3	
	12×12			
	16×16			
	20×20			
P.065	SDJC 	10×10	DC..0702 DC..11T3	
	12×12			
	16×16			
	20×20	DC..11T3		
	25×25			
	32×32			
P.066	SDNC 	10×10	DC..0702	
	12×12	DC..0702 DC..11T3		
	16×16			
	20×20	DC..11T3		
	25×25			
P.067	SRAC 	10×10	RC..0502 RC..0602	
	12×12			
	16×16			
	20×20			
	25×25			
P.068	SRDC 	10×10	RC..0502 RC..0602	
	12×12	RC..0502		
	16×16	RC..0602		
	20×20	RC..0803		
	25×25	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..0702 DC..11T3		
	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..0803 RC..1003	
	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

牙刀 & 開槽刀
THREADING & GROOVING

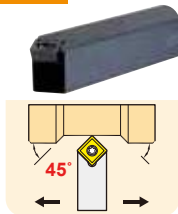
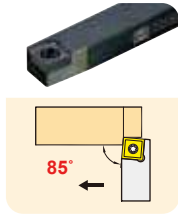
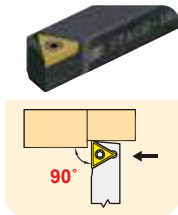
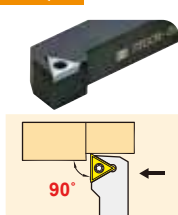
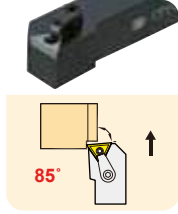
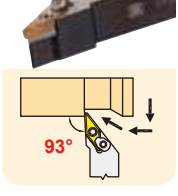
銑刀
MILLING

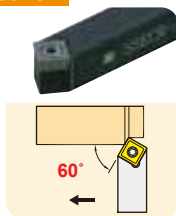
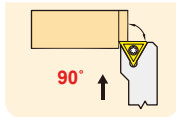
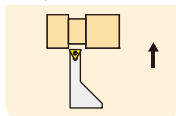
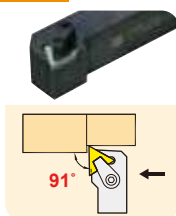
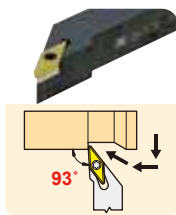
孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

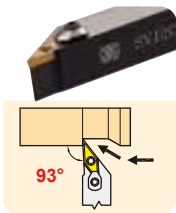
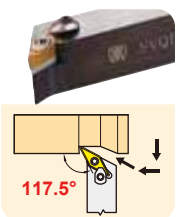
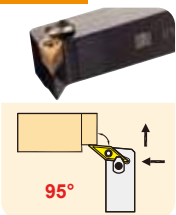
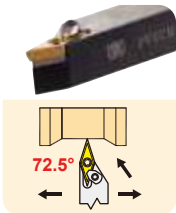
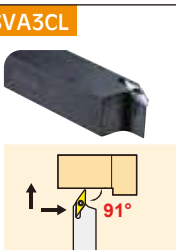
外徑車刀 TOOLHOLDERS

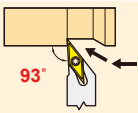
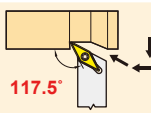
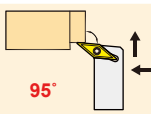
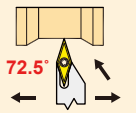
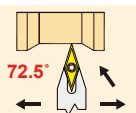
內徑車刀
外徑車刀
牙刀 & 開槽刀
銑刀
孔加工
配件

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	TC..16T3	
		12.7×12.7		
		12.7×16		
		16×16		
P.073	STGC/P 	12×12	TC..16T3	
		16×16		
		19×19		
		20×20	TC..16T3 TP..1603	
		25×25		
P.074	CTYC 	20×20	TC..16T3	
P.075	SVJB/C..CL 	10×10	VB..1103 VC..1103	
		12×12		
		16×16		
		20×20		
		25×25		
		16×16	VB..1604 VC..1604	
		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..1103 VC..1103	
		12×12		
		16×16		
		20×20		
		25×25		
		16×16	VB..1604 VC..1604	
		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..1103 VC..1103	
		16×16		
		20×20		
		20×20	VB..1604 VC..1604	
		25×25		
		32×32		
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..1103 VC..1103	
		12×12		
		16×16		
		20×20		
		25×25	VB..1604 VC..1604	
		16×16		
		20×20		
		25×25		
32×32				
P.080	SVA3CL 	12×12	VC..1103	
		16×16		
		20×20		
		25×25		

Page	Index	Height X Width	Insert	
			Item code	Shape
P.076	SVJ2B/C  	10×10	VB..1103 VC..1103	
		12×12		
		16×16		
		20×20	VC..1604	
		16×16		
		20×20		
		25×25		
P.077	SVQB/C  	12×12	VB..1103 VC..1103	
		16×16		
		20×20	VB..1604 VC..1604	
		20×20		
		25×25		
P.078	SVUC  	20×20	VC..1604	
		25×25		
P.078	SVVCR  	9.5x9.5	VC..1103	
		12.7x12.7		
		16x16		
		20x20	VC..1604	
		16×16		
		20×20		
		25×25		
P.079	SVVB/CN  	10×10	VB..1103 VC..1103	
		12×12		
		16×16		
		20×20		
		25×25		
		16×16	VB..1604 VC..1604	
		20×20		
		25×25		
		32×32		
		P.080		

內徑車刀
BORING BARS

外徑車刀
TOOLHOLDERS

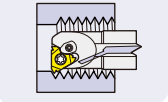
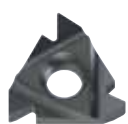
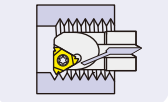
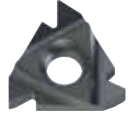
牙刀 & 開槽刀
THREADING & GROOVING

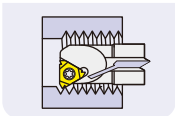
銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

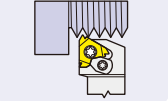
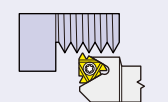
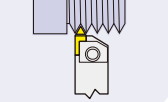
配件
SPARE PARTS

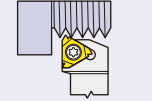
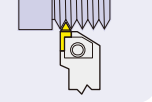
內徑牙刀 INTERNAL THREADING BORING BARS

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		

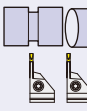
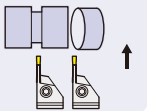
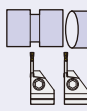
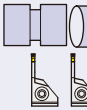
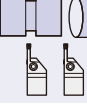
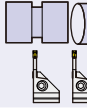
Page	Index	ØD	Insert	
			Item code	Shape
P.087	SNR/L-1  	8	08NR/L	
		10	11NR/L	
		12		
		16	16NR/L	
		20	16NR/L 22NR/L	
		25		
		32		
		40		

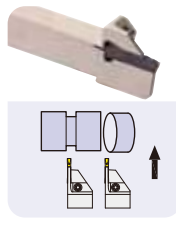
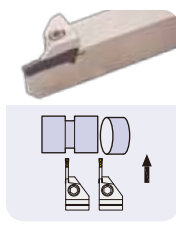
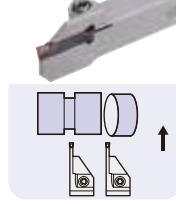
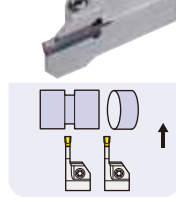
外徑牙刀 EXTERNAL THREADING TOOLHOLDERS

Page	Index	Height X Width	Insert	
			Item code	Shape
P.089	SER/L-CL  	10X10	16ER/L	
		12X12		
		12X16		
		16X16		
		20X20		
		25X25		
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 TOOLHOLDERS

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
TOOLHOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

外徑切槽刀 EXTERNAL GROOVING TOOLHOLDERS

內徑車刀
BORING BARS

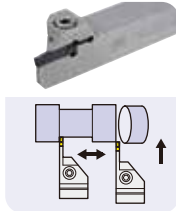
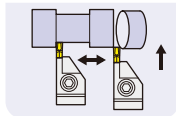
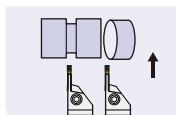
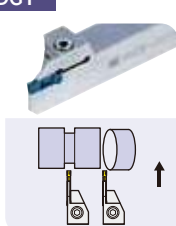
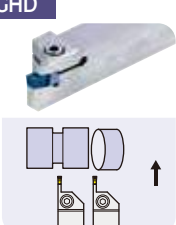
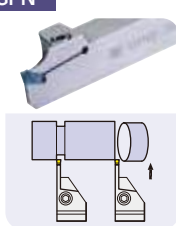
外徑車刀
TOOLHOLDERS

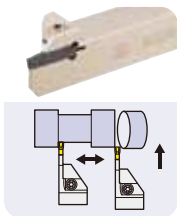
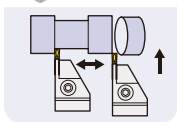
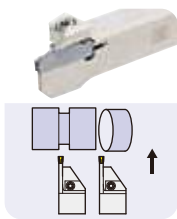
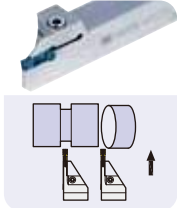
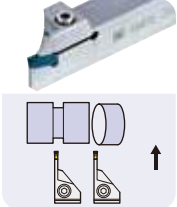
牙刀及開槽刀
THREADING & GROOVING

銑刀
MILLING

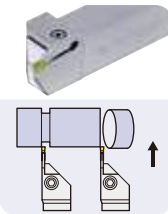
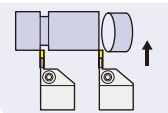
孔加工
BORING TOOLS COMPONENTS

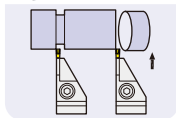
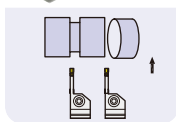
配件
SPARE PARTS

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	GHC 	16×16	GIP.. GIF.. GIMF.. GIMY..	
		20×20		
		25×25		

外徑切槽刀 EXTERNAL GROOVING TOOLHOLDERS

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		

內徑車刀
BORING BARS

外徑車刀
TOOLHOLDERS

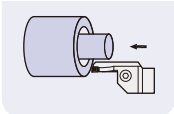
牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

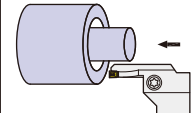
配件
SPARE PARTS

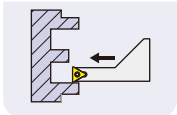
外徑端面開槽刀 EXTERNAL FACE GROOVING TOOLHOLDERS

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		

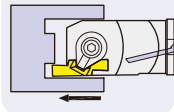
Page	Index	Hole Diameter		Insert	
		MIN	MAX	Item code	Shape
P.119	DGF	28	34	DGM30CTF	
		34	45		
		45	70		
		70	100		
		100	140		
		140	200		
		200	800		
	DGM40CTF	28	34		
		34	45		
		45	70		
		70	100		
		100	140		
140		200			
DGM50CTF	200	800			
	50	70			
	70	120			
	120	240			
	240	800			

外徑端面開槽刀 EXTERNAL FACE GROOVING TOOLHOLDERS

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		
		29	34	HFPR40.. GRIP40	
		34	40		
		40	48		
		48	60		
		60	75		
		75	100		
		100	140		
		140	200		
		200	800		

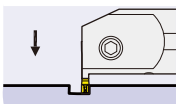
Page	Index	Height X Width	Adapter	
			Item code	Shape
P.122	HFAPR 	20X25	HFAVR	
	25X25			
P.123	STCP  	25X25	Insert	
			Item code	Shape
			TP..0902..	

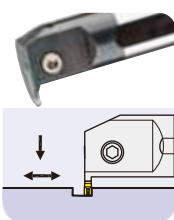
內徑端面開槽刀 INTERNAL FACE GROOVING TOOLHOLDERS

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

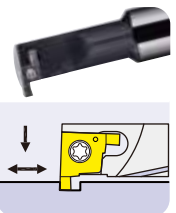
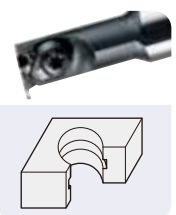
Page	Index	ØD	Insert	
			Item code	Shape

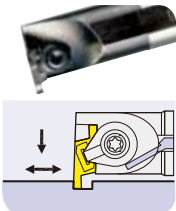
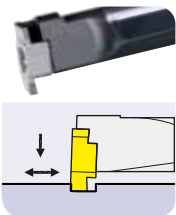
內徑開槽刀 INTERNAL GROOVING TOOLHOLDERS

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

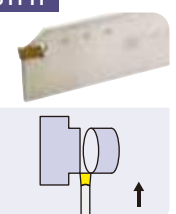
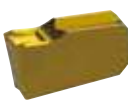
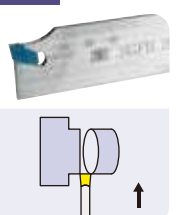
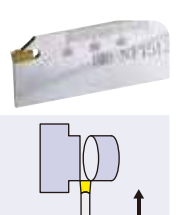
Page	Index	ØD	Insert	
			Item code	Shape
P.126	KIGMR 	16	GMM3014..	
		20	GMM3020.. GDM3020..	
		25		
		32	GMM4020.. GDM4020..	
		40		

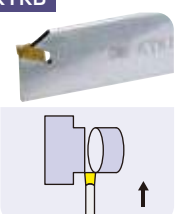
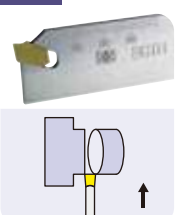
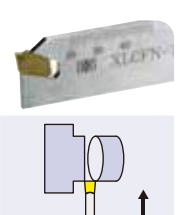
內徑開槽刀 INTERNAL GROOVING TOOLHOLDERS

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..SS 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		
		20	GVR..B	
		25	GVR..C	
		32		
P.132	FSL51 	8	MLG10..L	
		10	MLT1001L	
		12	MLG14..L	
		14	MLT1401L	
		16	MLG20..L	
		20	MLT2001L	

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

牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

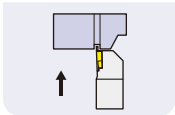
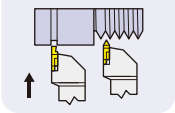
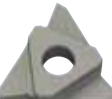
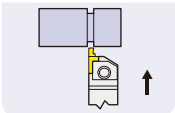
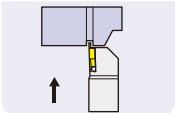
配件
SPARE PARTS

切斷板座 TOOLBLOCK

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

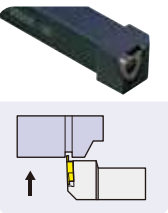
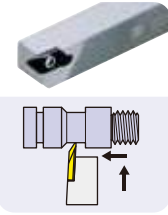
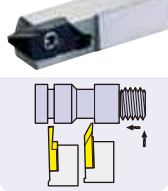
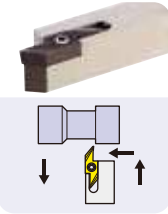
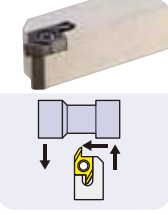
Page	Index	Height	Blade	
P.136		25	SGIH26..	SGIH32..
			SGFH26..	SGFH32..
			KTKB26..	KTKB32..
			XLCFN26..	XLCFN32..
			STFH26..	STFH32..
			NF151.2-26..	NF151.2-32..

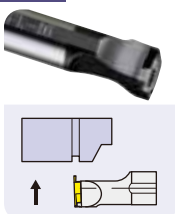
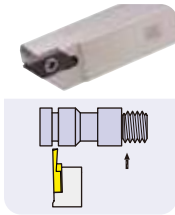
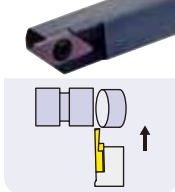
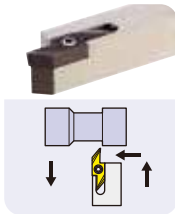
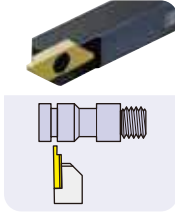
外徑切槽刀 EXTERNAL GROOVING TOOLHOLDERS

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	SMGTR16X2.. SMGTR16X2..C SMTTR160360..	 
		16×16		
		20×20		
		25×25		
P.140	WCH	20×20	MGTR/L33..	
		25×25	MGTR/L43..	
		16×16		
		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 SMTTR160360..	
		16×16		
		20×20		
P.139		16×16	SMGTR16X2.. SMGTR16X2..C SMTTR160360..	
		20×20		
P.141		16×16	MGTR/L33.. MGTR/L43..	
		20×20		
		25×25		
		32×32	MGTR/L43..	
P.143		16×16	TGF32R/L	
		20×20		
		25×25		

外徑切槽刀 EXTERNAL GROOVING TOOLHOLDERS

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
TOOLHOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

45° 面銑刀 45° FACE MILLING 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..	

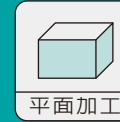
直角端銑刀 SHOULDER/CUTTING END MILLS



Page	Index	Cutter Dia	Insert	
			Item code	Shape
P.166	ASX400 	Ø50-Ø125	SO..12T3 WO..12T3	
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



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 & 開槽刀
THREADING & GROOVING

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.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..	
P.184	AJC modular 	Ø16-Ø26	CCMT0602..	
		Ø16-Ø33	APET1202..	
P.186	UEX modular 	Ø25-Ø33	ADET1603..	
		Ø40-Ø100	ADET1603..	
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..	
	MEC shell	Ø40-Ø63	BDMT11T3..	
P.192	TE90A06 modular	Ø09-Ø17	AXMT0602..	
P.194	TE90A modular	Ø16-Ø35	APKT09T3..	
		Ø26-Ø35	APKT1705..	
	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 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

直角端銑刀 SHOULDER/CUTTING END MILLS

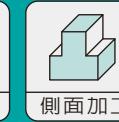
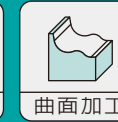
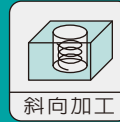


Page	Index	Cutter Dia	Insert		
			Item code	Shape	
P.200	CAPW shell		Ø80-Ø100	APKT1604..	
P.201 P.202	VAX shank		Ø16-Ø35	R390-11T3	
	Ø25-Ø33		R390-1704		
P.205	TPS17 shank		Ø25-Ø32	ASMT1705	

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



Page	Index	Cutter Dia	Insert		
			Item code	Item code	Shape
P.207	AQX shank		Ø16-Ø40	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	CCMT060204..
			Ø20-Ø21	CPMT090204Z	CCMT060204..
			Ø25-Ø26	CPMT120308Z	CPMT090308..
			Ø32-Ø33	CPMT160408Z	CPMT120408..
					
P.211	ASJ shank		Ø20-Ø21	ADMT1003..L	ACMT1003..R
			Ø25-Ø26	ADMT12T3..L	APMT12T3..R
			Ø32-Ø33	APMT1604..L	APMT1504..R
			Ø35	APMT1704..L	APMT1504..R
P.213	ASJ shank (4 teeth)		Ø20-Ø21	ADMT1003..L	ACMT1003..R
			Ø25-Ø26	ADMT12T3..L	APMT12T3..R
			Ø32-Ø33	APMT1604..L	APMT1504..R
			Ø35	APMT1704..L	APMT1504..R
P.215 P.216	RT shank		Ø06-Ø21	RT0702..	--
			Ø16-Ø35	RT1003..	

Page	Index	Cutter Dia	Insert		
			Item code	Item code	Shape
P.208	AQX modular		Ø16-Ø33	QO.T0830R.. QO.T1035R.. QO.T1342R.. QO.T1651R..	
P.210	AJU modular		Ø16-Ø17	CPMT080204Z	CCMT060204..
			Ø20-Ø21	CPMT090204Z	CCMT060204..
			Ø25-Ø26	CPMT120308Z	CPMT090308..
			Ø32-Ø33	CPMT160408Z	CPMT120408..
					
P.212	ASJ modular		Ø20-Ø21	ADMT1003..L	ACMT1003..R
			Ø25-Ø26	ADMT12T3..L	APMT12T3..R
			Ø32-Ø33	APMT1604..L	APMT1504..R
			Ø35	APMT1704..L	APMT1504..R
			Ø40	APMT1905..L	APMT1504..R
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 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

高進給銑刀 HIGH FEED MILLS



內徑車刀
BORING BARS

外徑車刀
TOOLHOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

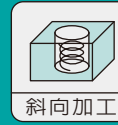
孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

Page	Index	Cutter Dia	Insert	
			Item code	Shape
P.219	AJX shank	Ø20-Ø22	JO..06T2	
		Ø20-Ø35	JO..0803	
		Ø32-Ø40	JD..1204 WD..1204	
	AJX modular			
		Ø16-Ø35	JO..0803	
P.221	ASR shank	Ø20	EPNW0803..	
		Ø25-Ø35	EDNW10T3..	
		Ø32-Ø35	EDNW13T4....	
	ASR modular			
		Ø20	EPNW0803..	
		Ø25	EDNW10T3..	
		Ø35	EDNW13T4	
P.223	ASRS shank	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..1204	
		Ø63-Ø100	JD..1405 WD..1405	
P.222	ASR shell	Ø50-Ø80	EDNW13T4..	
		Ø63-Ø100	EDNW15T4..	
P.224	ASRS..C modular	Ø25-Ø35	EPMT0603..	
				
	ASR shell	Ø52	EPMT0603..	
				

高進給銑刀 HIGH FEED MILLS



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..	
P.231	TEBL shank 	Ø16-Ø35	BLMP0603..	

Page	Index	Cutter Dia	Insert	
			Item code	Shape
P.226	ASS shell 	Ø50-Ø63	SP..07T2	
P.228	ASRF4 shell 	Ø42-Ø80	SD..1205	
P.230	EXN modular 	Ø16-Ø42	LNMU03..	
	EXN shell 	Ø50	LNMU03..	
P.232	TEBL modular 	Ø16-Ø42	BLMP0603..	
	TEBL shell 	Ø50	BLMP0603..	

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 TOOLS COMPONENTS

配件
SPARE PARTS

圓刃銑刀

CORNER ROUNDING END MILLS



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	

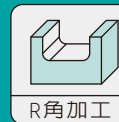
球型銑刀 BALL END MILLS



Page	Index	Cutter Dia	Insert	
			Item code	Shape
P.247	SE shank	Ø12-Ø20	QP..120903 QP..1612T3 QP..201504	
				

Page	Index	Cutter Dia	Insert	
			Item code	Shape
P.248	SR shank	Ø12-Ø25	ZP 1200.. ZP 1600.. ZP 2000.. ZP 2500..	
	SR modular			
				

球型銑刀 BALL END MILLS



Page	Index	Cutter Dia	Insert	
			Item code	Shape
P.249	WGR shank	Ø8-Ø30	WGRMT-D08 WGRMT-D30	
	WGR modular			
				
P.251	PPH shank	Ø8-Ø25	PHB08.. PHB20..	
	PPH modular		BNM-080.. BNM-250..	
			SRFT10.. SRFT25..	

Page	Index	Cutter Dia	Insert	
			Item code	Shape
P.250	GWV shank	Ø12-Ø20	WPV 12.. WPV 20..	
	GWV modular	Ø20-Ø25	WPV 20.. WPV 25..	
				
P.252	PPHT shank	Ø12-Ø20	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 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

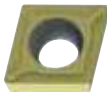
T型銑刀 T-SLOT END MILLING CUTTERS



溝加工



T槽加工

Page	Index	Cutter Dia	Insert	
			Item code	Shape
P.253	CCT shank	Ø21-Ø40	CCMT0602..	
		Ø32-Ø45	CCMT0803..	
		Ø40-Ø60	CCMT09T3..	
		Ø50	CCMT1204..	
	CCT shell	Ø100-Ø125	CCMT0602..	
		Ø80	CCMT0803..	

DCWR銑刀 DCWR DOVETAIL CUTTER



側面加工



平面加工

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



孔倒角



倒角加工



倒角加工

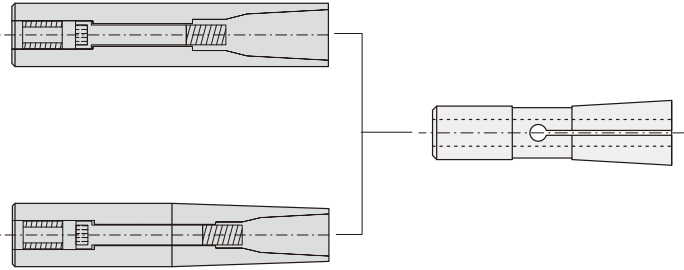
Page	Index	ØD	Insert	
			Item code	Shape
P.254	TCRM shank	Ø21.5	TCMX16T308	
				
	TCR shank	Ø25	TC..16T3	
				

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 EXTENSION ADAPTER

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 CARBIDE HDC CHUCK & COLLET

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

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 TOOLS COMPONENTS

配件
SPARE PARTS

替換式快速鑽頭

INDEXABLE INSERTS HIGH SPEED DRILLS

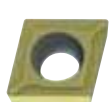
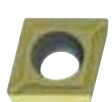
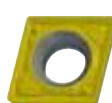
Page	Index	ØD	Insert	
			Item code	Shape
P.261	DW shank 	18-40	WC..030208	
			WC..040208	
			WC..050308	
			WC..06T308	

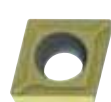
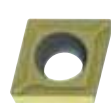
Page	Index	ØD	Insert	
			Item code	Shape
P.262	DWD shank 	13-39	WD..04..	
			WD..05..	
			WD..06..	
			WD..07..	
			WD..09..	
			WD..12..	

固定式粗搪刀

FIXED ROUGH BORING BARS



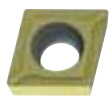
Page	Index	ØD	Insert	
			Item code	Shape
P.263 P.264	TB shank 	8-57	CC..060204	
			CC..09T304	
P.267 P.268 P.269	TB shell 	45-201	CC..09T304	
			CC..120404	
P.270	TBP shell 	70-100	CP..090308	

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

可調式粗搪刀

ADJUSTABLE ROUGH BORING BARS

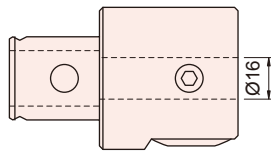


Page	Index	Cutter Dia	Insert	
			Item code	Shape
P.271	TBJ 	175-425	CC..120404	

Page	Index	Cutter Dia	Insert	
			Item code	Shape

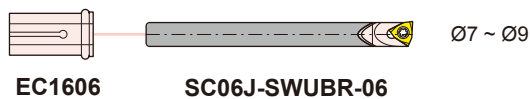
搪孔刀頭 & 配件 BORING HEAD & PART

Page



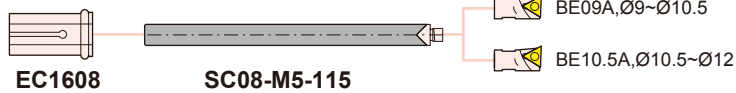
EC1605

SC05H-SWUBR-06



EC1606

SC06J-SWUBR-06

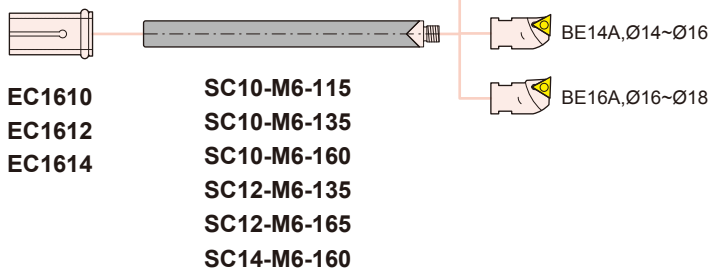


EC1608

SC08-M5-115

BE09A, Ø9~Ø10.5

BE10.5A, Ø10.5~Ø12



EC1610

EC1612

EC1614

SC10-M6-115

SC10-M6-135

SC10-M6-160

SC12-M6-135

SC12-M6-165

SC14-M6-160

BE12A, Ø12~Ø14

BE14A, Ø14~Ø16

BE16A, Ø16~Ø18



SC16-M10-105

SC16-M10-140

SC16-M10-180

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

牙刀 & 開槽刀
THREADING & GROOVING

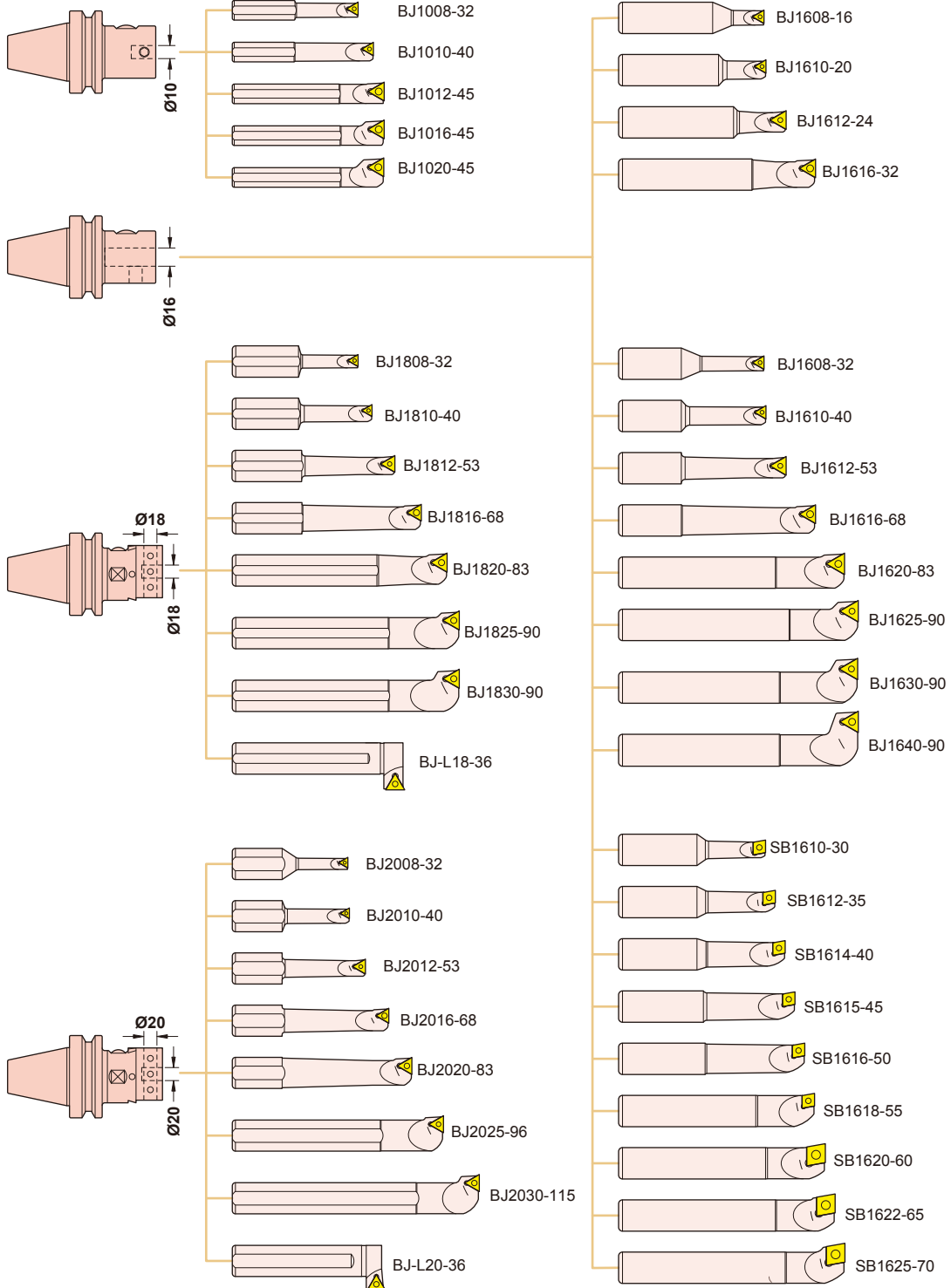
銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

小徑搪刀 BORING SHANK

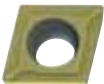
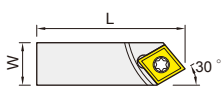
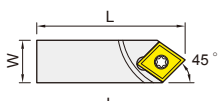
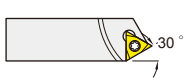
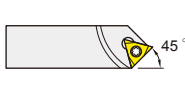
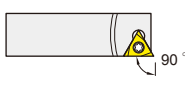
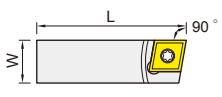
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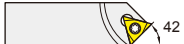
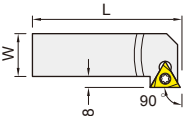


P.275
P.276
P.277
P.278

小徑搪刀

BORING SHANK

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			
		8×8	TP..0902		
		10×10			
		13×13		TP..1103	
		16×16	TP..1603		
		19×19			
		8×8	TP..0902		
		10×10			
		13×13			
		16×16	TP..1103		
20×20					
25×25					

內徑車刀
BORING BARS

外徑車刀
TOOL HOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

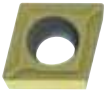
銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

卡式刀座 Cartridges

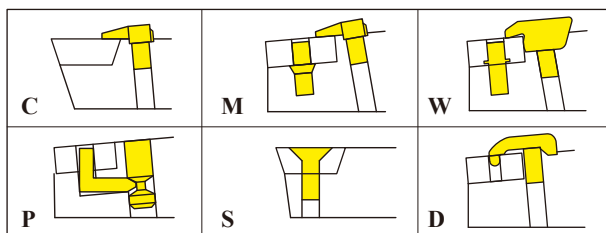
內徑車刀
外徑車刀
牙刀 & 開槽刀
銑刀
孔加工
配件

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..	

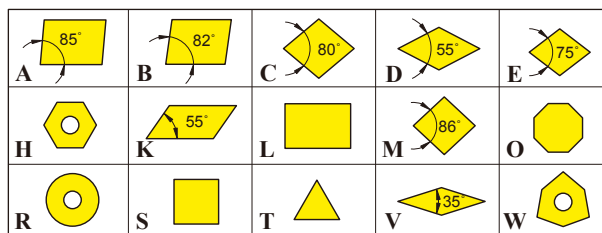
Page	Index	Height	Insert	
			Item code	Shape
P.280	SRSCR 	10CA	RC..10T3..	
P.280	STFCR 	08CA	TC..0902..	
		10CA	TC..1102..	
		12CA	TC..16T3..	
P.281	STGCL 	12CA	TC..16T3..	
P.281	STSCR 	08CA	TC..0902..	
		10CA	TC..1102..	
		12CA	TC..16T3..	

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

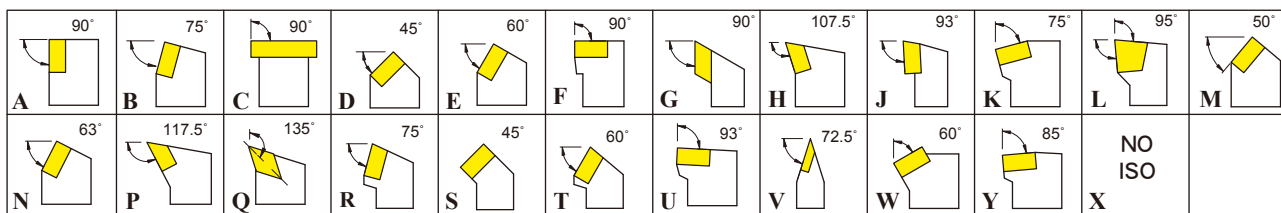
1 刀片夾持方式 TYPE OF LOCKING



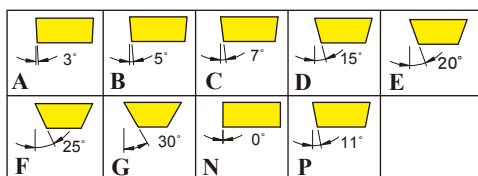
2 刀片形狀 INSERT SHAPE



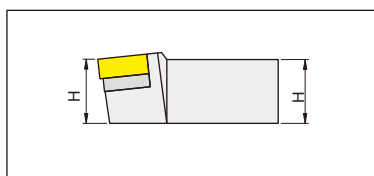
3 切入角 TYPE OF TOOL



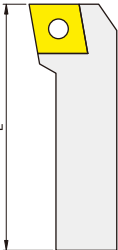
4 刀片逃隙角 RAKE ANGLES



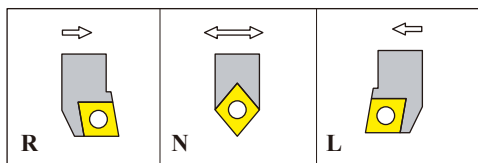
6/7 刀柄高度 SHANK HEIGHT



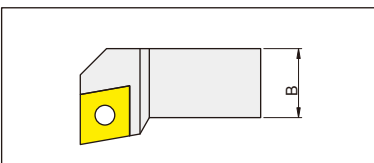
10 刀柄長度 TOOL LENGTH

	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	X	
	SPECIAL	

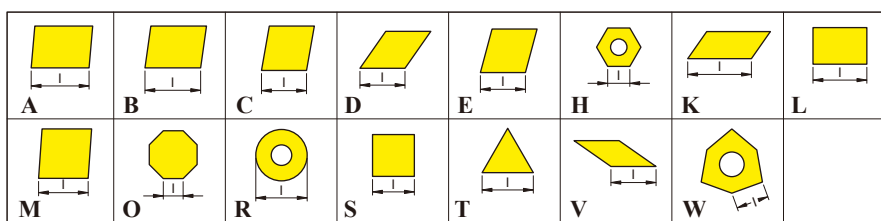
5 方向 HAND OF TOOL



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: INTERNAL TURNING

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

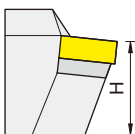
6 刀柄 SHANK

S = 鋼柄 Steel shank
 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 CARTRIDGES DESIGNATION

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 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

C N M G

12

04

08

(E)

(N)

(MR)

1

2

3

4

5

6

7

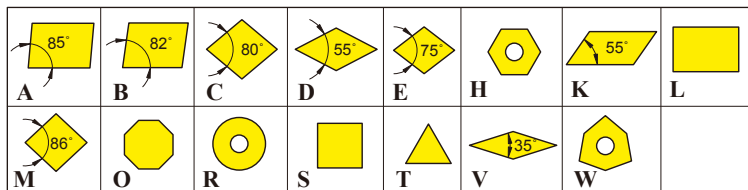
8

9

10

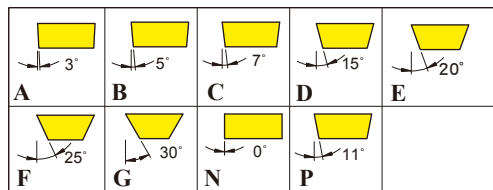
1

刀片形狀 INSERT SHAPE



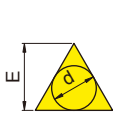
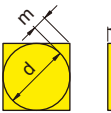
2

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

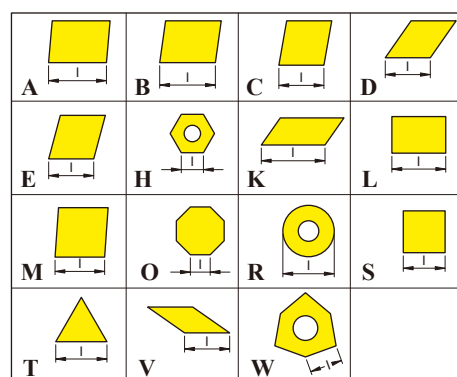
4

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

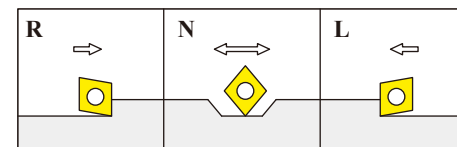
刀尖R角 CORNER RADIUS

Index	02	04	08	12	16	24	00
r(mm)	0.2	0.4	0.8	1.2	1.6	2.4	0

00: Round insert (inch)
MO: Round insert (metr)

9

刃口方向 CUTTING DIRECTION



10

排屑槽 Manufacture's type designation

Chip breaker design
-MG -M -MR -D -DK