

# 切槽切斷車刀 桿系列

Grooving Parting Toolholders Series

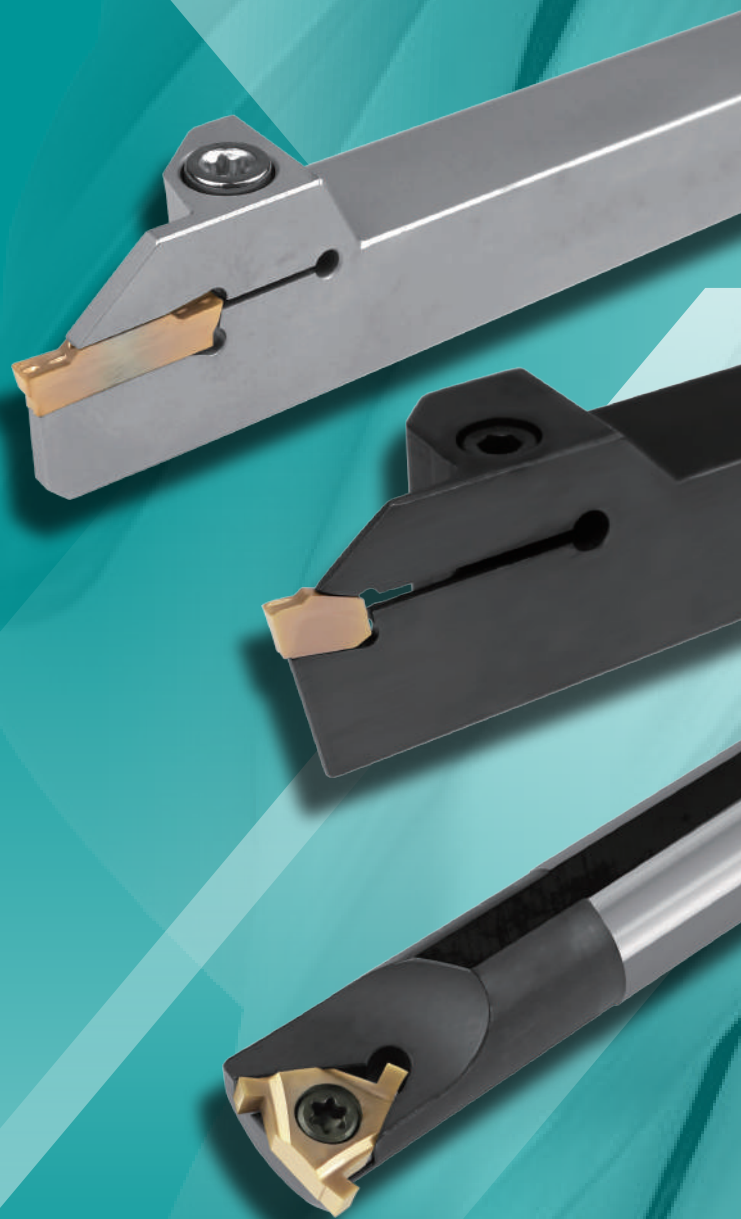
泛用鋼材  $\leq 50\text{HRC}$

不銹鋼

鋁合金 / 銅合金

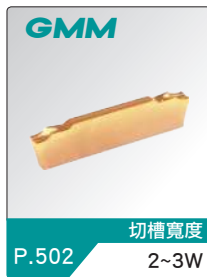
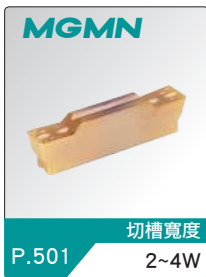
鑄鐵

For general steel ( $\leq 50\text{HRC}$ ), stainless steel, cast iron and aluminum/copper alloy machining.



# 產品選擇表 Product Selection Table

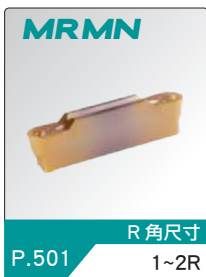
## 鎢鋼切槽切斷車刀片 Carbide Grooving & Parting Inserts



## 鎢鋼切槽車刀片 Carbide Grooving Inserts



## 鎢鋼圓槽型車刀片 Carbide Radius Inserts



## 外徑切槽切斷車刀桿 External Grooving & Parting Toolholders



# 產品選擇表 Product Selection Table

## 外徑切槽車刀桿 External Grooving Toolholders



## 內徑切槽車刀桿 Internal Grooving Toolholders



## 多功能車刀桿 (切槽 / 切斷 / 後掃 / 螺紋) Multipurpose Toolholders



切槽車刀片  
加工方式  
Grooving  
Inserts Cutting  
Mode

P.500

# 產品選擇表

## Product Selection Table

### 切槽車刀片加工方式 Grooving Inserts Cutting Mode

車刀片系列 Inserts		切槽寬度 Groove Width	加工深度 Depth	切槽加工 Grooving	切斷加工 Parting	橫向加工 Plunge Turning	斜向加工 Ramping	仿形加工 Profile Turning	頁數 Page
	MGMN	2~4mm	< 20mm	○	○	○	○	X	501
	MRMN (圓槽型)	2~4mm (1~2R)	< 20mm	○	X	○	X	○	501
	GMM	2~3mm	< 20mm	○	○	○	○	X	502
	TGTN	2.2~4.1mm	< 30mm	○	○	X	X	X	503
	TGF	0.33~2.5mm	< 2mm	○	X	X	X	X	504
	TGF-R (圓槽型)	0.5~1.5mm (0.25~0.75R)	< 2mm	○	X	X	X	X	505
	TGL	0.5~2.25mm	< 2.25mm	○	X	X	X	X	506 507

# MGMN/MRMN 鎢鋼切槽切斷車刀片 (< 切深 20mm)

## CARBIDE GROOVING & PARTING INSERTS- MGMN / MRMN (Depth < 20mm)

加工材質	鋼材 Alloy Steels		●	✱							● 第一推薦 / ○ 第二推薦：連續加工 Continuous Cutting ● 第一推薦 / ⊙ 第二推薦：一般加工 General Cutting ✱ 第一推薦 / ⊛ 第二推薦：斷續加工 Interrupted Cutting - 不推薦 NO Recommend	
	不銹鋼 Stainless Steels		●	✱								
鑄鐵 Cast Iron		●	✱									
鋁合金 Aluminum Alloys		-	-									
高溫合金 High-Temp Alloys		●	✱									
調質鋼 Hardened Steels		●	-									
		F：精加工 Finishing S：半精加工 Semi Finishing M：中加工 Medium R：粗加工 Roughing										
刀片 Insert	訂購編號 Order No.	材質碼 Grade				尺寸 Dimension (mm)					刀片 2D 圖 Drawing	刀桿頁數 Tool Page
		CM6233	CM6243			W	r	L	h	S		
	MGMN200-SG	●	●			2.0	0.2	16	3.5	1.60		
F S M R												
	MGMN300-MG	●	●			3.0	0.4	21	4.8	2.35		外徑刀桿 509
F S M R												
	MGMN400-MG	●	●			4.0	0.4	21	4.8	3.30		
F S M R												
	MRMN200-MG	●	●			2.0	1.0	16	3.5	1.60		
F S M R												
	MRMN300-MG	●	●			3.0	1.5	21	4.8	2.35		外徑刀桿 509
F S M R												
	MRMN400-MG	●	●			4.0	2.0	21	4.8	3.30		
F S M R												

→ 切削條件表 Cutting Condition P.613


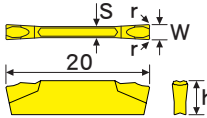
TURNING

Grooving Parting Toolholders

切槽切斷車刀桿

# GMM 鎢鋼切槽切斷車刀片 (< 切深 20mm)


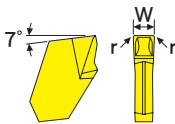
## CARBIDE GROOVING & PARTING INSERTS- GMM (Depth < 20mm)

加工材質	P	鋼材 Alloy Steels	●	✱						<ul style="list-style-type: none"> <li>● 第一推薦 / ○ 第二推薦：連續加工 Continuous Cutting</li> <li>● 第一推薦 / ⊙ 第二推薦：一般加工 General Cutting</li> <li>✱ 第一推薦 / ✱ 第二推薦：斷續加工 Interrupted Cutting</li> <li>— 不推薦 NO Recommend</li> </ul>		
	M	不銹鋼 Stainless Steels	●	✱								
K	鑄鐵 Cast Iron	●	✱									
N	鋁合金 Aluminum Alloys	—	—									
S	高溫合金 High-Temp Alloys	●	✱									
H	調質鋼 Hardened Steels	●	—									
F：精加工 Finishing S：半精加工 Semi Finishing M：中加工 Medium R：粗加工 Roughing												
刀片 Insert	訂購編號 Order No.	材質碼 Grade				尺寸 Dimension (mm)					刀片 2D 圖 Drawing	刀桿頁數 Tool Page
		CM6233	CM6243			W	r	h	S	K		
	GMM2020-MR	●	●			2.0	0.20	4.3	1.5	—		外徑刀桿 510
	GMM2520-MR	●	●			2.5	0.20	4.3	1.9	—		
	GMM3020-MR	●	●			3.0	0.25	4.3	2.3	—		
F	S	M	R									

→ 切削條件表 Cutting Condition P.613

# TGTN 鎢鋼切槽切斷車刀片 (< 切深 30mm)

## CARBIDE GROOVING & PARTING INSERTS- TGTN (Depth < 30mm)

加工材質	P	鋼材 Alloy Steels	●	✱	✱						<ul style="list-style-type: none"> <li>● 第一推薦 / ○ 第二推薦：連續加工 Continuous Cutting</li> <li>● 第一推薦 / ⊙ 第二推薦：一般加工 General Cutting</li> <li>✱ 第一推薦 / ⊗ 第二推薦：斷續加工 Interrupted Cutting</li> <li>— 不推薦 NO Recommend</li> </ul> F：精加工 Finishing S：半精加工 Semi Finishing M：中加工 Medium R：粗加工 Roughing	
	M	不銹鋼 Stainless Steels	●	✱	✱							
K	鑄鐵 Cast Iron	●	✱	⊗								
N	鋁合金 Aluminum Alloys	—	—	—								
S	高溫合金 High-Temp Alloys	●	✱	✱								
H	調質鋼 Hardened Steels	●	—	⊗								
刀片 Insert	訂購編號 Order No.	材質碼 Grade				尺寸 Dimension (mm)					刀片 2D 圖 Drawing	刀桿頁數 Tool Page
		CM6233	CM6243	CM6347		W	r	L	h	S		
	TGTN0220	●	●	●		2.2	0.20	—	—	—		外徑 刀桿 511 512
	TGTN0310	●	●	●		3.1	0.20	—	—	—		
	TGTN0410	●	●	●		4.1	0.25	—	—	—		
F	S	M	R									

→ 切削條件表 Cutting Condition P.614

# TGF 鎢鋼切槽車刀片 (< 切深 2mm)

## CARBIDE GROOVING INSERTS- TGF (Depth < 2mm)

加工材質	P	鋼材 Alloy Steels	●	-	<ul style="list-style-type: none"> <li>● 第一推薦 / ○ 第二推薦：連續加工 Continuous Cutting</li> <li>● 第一推薦 / ○ 第二推薦：一般加工 General Cutting</li> <li>✱ 第一推薦 / ✱ 第二推薦：斷續加工 Interrupted Cutting</li> <li>- 不推薦 NO Recommend</li> </ul>								
	M	不銹鋼 Stainless Steels	●	-									
K	鑄鐵 Cast Iron	●	-										
N	鋁合金 Aluminum Alloys	-	●										
S	高溫合金 High-Temp Alloys	●	-										
H	調質鋼 Hardened Steels	-	-										
刀片 Insert	訂購編號 Order No.	材質碼 Grade			尺寸 Dimension (mm)						切深 Depth Of Cut		刀桿頁數 Tool Page
		CM2560	CM10		W	h	r	S	d	d1	外徑切槽最大切深 O.D. (Max)	內徑切槽最大切深 I.D. (Max)	
	TGF32R033	●	●		0.33	1.0	0.05	3.18	9.52	4.4	0.8	0.5	外徑刀桿 513
	TGF32L033	●	●		0.33	1.0	0.05	3.18	9.52	4.4	0.8	0.5	
	TGF32R050	●	●		0.50	1.4	0.05	3.18	9.52	4.4	1.2	0.8	
	TGF32L050	●	●		0.50	1.4	0.05	3.18	9.52	4.4	1.2	0.8	
	TGF32R075	●	●		0.75	2.5	0.10	3.18	9.52	4.4	2.0	1.5	
	TGF32L075	●	●		0.75	2.5	0.10	3.18	9.52	4.4	2.0	1.5	
	TGF32R095	●	●		0.95	2.5	0.10	3.18	9.52	4.4	2.0	1.5	
	TGF32L095	●	●		0.95	2.5	0.10	3.18	9.52	4.4	2.0	1.5	
	TGF32R100	●	●		1.00	2.5	0.10	3.18	9.52	4.4	2.0	1.5	
	TGF32L100	●	●		1.00	2.5	0.10	3.18	9.52	4.4	2.0	1.5	
	TGF32R110	●	●		1.10	2.5	0.10	3.18	9.52	4.4	2.0	1.5	
	TGF32L110	●	●		1.10	2.5	0.10	3.18	9.52	4.4	2.0	1.5	
	TGF32R125	●	●		1.25	2.5	0.10	3.18	9.52	4.4	2.0	1.5	
	TGF32L125	●	●		1.25	2.5	0.10	3.18	9.52	4.4	2.0	1.5	
	TGF32R135	●	●		1.35	2.5	0.10	3.18	9.52	4.4	2.0	1.5	
	TGF32L135	●	●		1.35	2.5	0.10	3.18	9.52	4.4	2.0	1.5	
	TGF32R145	●	●		1.45	2.5	0.10	3.18	9.52	4.4	2.0	1.5	
	TGF32L145	●	●		1.45	2.5	0.10	3.18	9.52	4.4	2.0	1.5	
	TGF32R150	●	●		1.50	2.5	0.10	3.18	9.52	4.4	2.0	1.5	
	TGF32L150	●	●		1.50	2.5	0.10	3.18	9.52	4.4	2.0	1.5	
	TGF32R165	●	●		1.65	2.5	0.10	3.18	9.52	4.4	2.0	1.5	
	TGF32L165	●	●		1.65	2.5	0.10	3.18	9.52	4.4	2.0	1.5	
	TGF32R175	●	●		1.75	2.5	0.10	3.18	9.52	4.4	2.0	1.5	
	TGF32L175	●	●		1.75	2.5	0.10	3.18	9.52	4.4	2.0	1.5	
	TGF32R180	●	●		1.80	2.5	0.10	3.18	9.52	4.4	2.0	1.5	
	TGF32L180	●	●		1.80	2.5	0.10	3.18	9.52	4.4	2.0	1.5	
	TGF32R185	●	●		1.85	2.5	0.10	3.18	9.52	4.4	2.0	1.5	
	TGF32L185	●	●		1.85	2.5	0.10	3.18	9.52	4.4	2.0	1.5	
TGF32R195	●	●		1.95	2.5	0.10	3.18	9.52	4.4	2.0	1.5		
TGF32L195	●	●		1.95	2.5	0.10	3.18	9.52	4.4	2.0	1.5		
TGF32R200	●	●		2.00	2.5	0.10	3.18	9.52	4.4	2.0	1.5		
TGF32L200	●	●		2.00	2.5	0.10	3.18	9.52	4.4	2.0	1.5		
TGF32R250	●	●		2.50	2.5	0.10	3.18	9.52	4.4	2.0	1.5		
F S M R	TGF32L250	●	●		2.50	2.5	0.10	3.18	9.52	4.4	2.0	1.5	



# TGF 鎢鋼切槽車刀片 (< 切深 2mm)

## CARBIDE GROOVING INSERTS-TGF (Depth < 2mm)

加工材質	P	鋼材 Alloy Steels	●	-	<ul style="list-style-type: none"> <li>● 第一推薦 / ○ 第二推薦：連續加工 Continuous Cutting</li> <li>● 第一推薦 / ○ 第二推薦：一般加工 General Cutting</li> <li>✱ 第一推薦 / ✱ 第二推薦：斷續加工 Interrupted Cutting</li> <li>- 不推薦 NO Recommend</li> </ul>								
	M	不銹鋼 Stainless Steels	●	-									
K	鑄鐵 Cast Iron	●	-										
N	鋁合金 Aluminum Alloys	-	●										
S	高溫合金 High-Temp Alloys	●	-										
H	調質鋼 Hardened Steels	-	-										
刀片 Insert	訂購編號 Order No.	材質碼 Grade			尺寸 Dimension (mm)						切深 Depth Of Cut		刀桿頁數 Tool Page
		CM2560	CM10		W	h	r	S	d	d1	外徑切槽最大切深 O.D. (Max)	內徑切槽最大切深 I.D. (Max)	
	TGF32R025R	●	●		0.50	1.4	0.25	3.18	9.52	4.4	1.2	0.8	外徑刀桿 513
	TGF32L025R	●	●		0.50	1.4	0.25	3.18	9.52	4.4	1.2	0.8	
	TGF32R037R	●	●		0.75	2.5	0.375	3.18	9.52	4.4	2.0	1.5	
	TGF32L037R	●	●		0.75	2.5	0.375	3.18	9.52	4.4	2.0	1.5	
	TGF32R050R	●	●		1.00	2.5	0.50	3.18	9.52	4.4	2.0	1.5	
	TGF32L050R	●	●		1.00	2.5	0.50	3.18	9.52	4.4	2.0	1.5	
	TGF32R062R	●	●		1.25	2.5	0.625	3.18	9.52	4.4	2.0	1.5	
	TGF32L062R	●	●		1.25	2.5	0.625	3.18	9.52	4.4	2.0	1.5	
	TGF32R075R	●	●		1.50	2.5	0.75	3.18	9.52	4.4	2.0	1.5	
	TGF32L075R	●	●		1.50	2.5	0.75	3.18	9.52	4.4	2.0	1.5	
F	S	M	R										

→ 切削條件表 Cutting Condition P.614

# TGL 鎢鋼切槽車刀片 (< 切深 2.25mm)

## CARBIDE GROOVING INSERTS- TGL (Depth < 2.25mm)

加工材質	P	鋼材 Alloy Steels	●	-							● 第一推薦 / ○ 第二推薦：連續加工 Continuous Cutting ● 第一推薦 / ○ 第二推薦：一般加工 General Cutting ✱ 第一推薦 / ✱ 第二推薦：斷續加工 Interrupted Cutting - 不推薦 NO Recommend  F：精加工 Finishing S：半精加工 Semi Finishing M：中加工 Medium R：粗加工 Roughing	
	M	不銹鋼 Stainless Steels	●	-								
K	鑄鐵 Cast Iron	●	-									
N	鋁合金 Aluminum Alloys	-	●									
S	高溫合金 High-Temp Alloys	●	-									
H	調質鋼 Hardened Steels	-	-									
刀片 Insert	訂購編號 Order No.	材質碼 Grade				尺寸 Dimension (mm)					刀片 2D 圖 Drawing	刀桿頁數 Tool Page
		CM2560	CM10			W ±0.02	切深 Ap	d	A	-		
	TGL11ER050	●	●			0.50	1.40	6.35	11	-		外徑刀桿 514 內徑刀桿 515
	TGL11IL050	●	●			0.50	1.40	6.35	11	-		
	TGL11ER060	●	●			0.60	1.40	6.35	11	-		
	TGL11IL060	●	●			0.60	1.40	6.35	11	-		
	TGL11ER070	●	●			0.70	1.40	6.35	11	-		
	TGL11IL070	●	●			0.70	1.40	6.35	11	-		
	TGL11ER080	●	●			0.80	1.40	6.35	11	-		
	TGL11IL080	●	●			0.80	1.40	6.35	11	-		
	TGL11ER100	●	●			1.00	1.40	6.35	11	-		
	TGL11IL100	●	●			1.00	1.40	6.35	11	-		
	TGL11ER120	●	●			1.20	1.40	6.35	11	-		
	TGL11IL120	●	●			1.20	1.40	6.35	11	-		
	TGL16ER050	●	●			0.50	1.40	9.525	16	-		
	TGL16IL050	●	●			0.50	1.40	9.525	16	-		
	TGL16ER100	●	●			1.00	1.40	9.525	16	-		
	TGL16IL100	●	●			1.00	1.40	9.525	16	-		
	TGL16ER120	●	●			1.20	1.60	9.525	16	-		
	TGL16IL120	●	●			1.20	1.60	9.525	16	-		
	TGL16ER140	●	●			1.40	1.80	9.525	16	-		
	TGL16IL140	●	●			1.40	1.80	9.525	16	-		
	TGL16ER170	●	●			1.70	2.00	9.525	16	-		
	TGL16IL170	●	●			1.70	2.00	9.525	16	-		
TGL16ER195	●	●			1.95	2.00	9.525	16	-			
TGL16IL195	●	●			1.95	2.00	9.525	16	-			
TGL16ER225	●	●			2.25	2.25	9.525	16	-			
F S M R	TGL16IL225	●	●			2.25	2.25	9.525	16	-		

※ 相同的刀片可以使用在外徑右車刀和內徑左車刀加工。  
 Same insert can be used for external right hand and internal left hand.

➔ 切削條件表 Cutting Condition P.614

TURNING Grooving Parting Toolholders

切槽切斷車刀桿

# TGL 鎢鋼切槽車刀片 (< 切深 2.25mm)

## CARBIDE GROOVING INSERTS- TGL (Depth < 2.25mm)

加工材質	P	鋼材 Alloy Steels	●	-						<ul style="list-style-type: none"> <li>● 第一推薦 / ○ 第二推薦：連續加工 Continuous Cutting</li> <li>● 第一推薦 / ○ 第二推薦：一般加工 General Cutting</li> <li>✱ 第一推薦 / ✱ 第二推薦：斷續加工 Interrupted Cutting</li> <li>- 不推薦 NO Recommend</li> </ul>		
	M	不銹鋼 Stainless Steels	●	-								
K	鑄鐵 Cast Iron	●	-									
N	鋁合金 Aluminum Alloys	-	●									
S	高溫合金 High-Temp Alloys	●	-									
H	調質鋼 Hardened Steels	-	-									
										F：精加工 Finishing S：半精加工 Semi Finishing M：中加工 Medium R：粗加工 Roughing		
刀片 Insert	訂購編號 Order No.	材質碼 Grade				尺寸 Dimension (mm)					刀片 2D 圖 Drawing	刀桿頁數 Tool Page
		CM2560	CM10			W ±0.02	切深 Ap	d	A	-		
	TGL11R050	●	●			0.50	1.40	6.35	11	-		外徑刀桿 514 內徑刀桿 515
	TGL11EL050	●	●			0.50	1.40	6.35	11	-		
	TGL11R060	●	●			0.60	1.40	6.35	11	-		
	TGL11EL060	●	●			0.60	1.40	6.35	11	-		
	TGL11R070	●	●			0.70	1.40	6.35	11	-		
	TGL11EL070	●	●			0.70	1.40	6.35	11	-		
	TGL11R080	●	●			0.80	1.40	6.35	11	-		
	TGL11EL080	●	●			0.80	1.40	6.35	11	-		
	TGL11R100	●	●			1.00	1.40	6.35	11	-		
	TGL11EL100	●	●			1.00	1.40	6.35	11	-		
	TGL11R120	●	●			1.20	1.40	6.35	11	-		
	TGL11EL120	●	●			1.20	1.40	6.35	11	-		
	TGL16R050	●	●			0.50	1.40	9.525	16	-		
	TGL16EL050	●	●			0.50	1.40	9.525	16	-		
	TGL16R100	●	●			1.00	1.40	9.525	16	-		
	TGL16EL100	●	●			1.00	1.40	9.525	16	-		
	TGL16R120	●	●			1.20	1.60	9.525	16	-		
	TGL16EL120	●	●			1.20	1.60	9.525	16	-		
	TGL16R140	●	●			1.40	1.80	9.525	16	-		
	TGL16EL140	●	●			1.40	1.80	9.525	16	-		
	TGL16R170	●	●			1.70	2.00	9.525	16	-		
	TGL16EL170	●	●			1.70	2.00	9.525	16	-		
TGL16R195	●	●			1.95	2.00	9.525	16	-			
TGL16EL195	●	●			1.95	2.00	9.525	16	-			
TGL16R225	●	●			2.25	2.25	9.525	16	-			
F S M R	TGL16EL225	●	●			2.25	2.25	9.525	16	-		

※ 相同的刀片可以使用在外徑左車刀和內徑右車刀加工。  
 Same insert can be used for external left hand and internal right hand.

➔ 切削條件表 Cutting Condition P.614

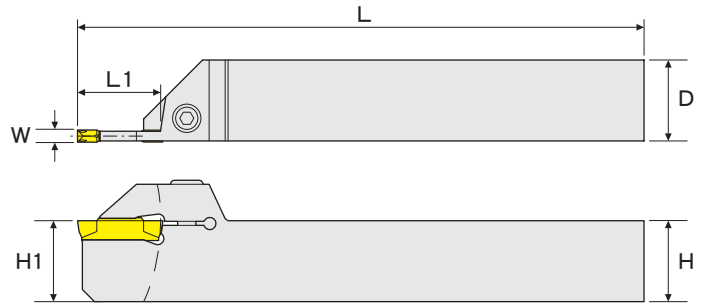
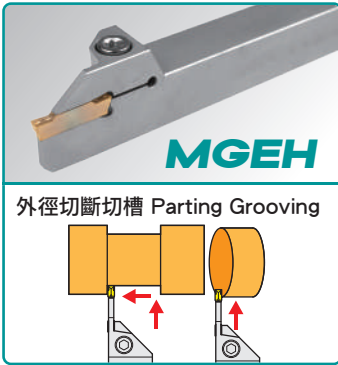
TURNING Grooving Parting Toolholders

切槽切斷車刀桿





# 外徑切槽切斷車刀桿

## EXTERNAL GROOVING & PARTING TOOLHOLDERS



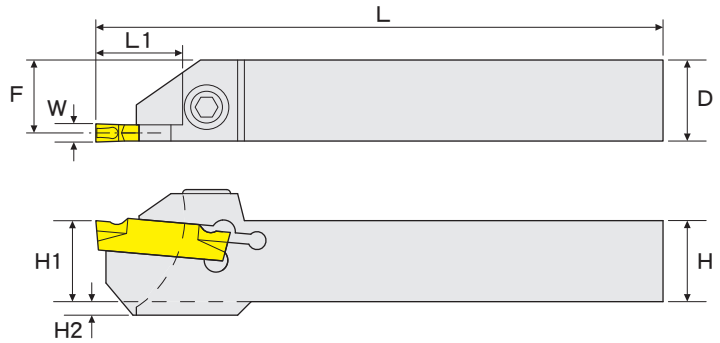
右車刀桿圖示 Right-Hand Shown

鋼材柄訂購編號 Order No. (Steel Shank)	尺寸 Dimension (mm)						搭配刀片 Insert	Screw 	Wrench 
	H1 / H	F	L1	L	D	W			
MGEH <sup>R</sup> / <sub>L</sub> -1616K-2T-16T	16	16.25	16	125	16	2.0	MGMN200.. MRMN200..	HTMT520	ETL25
MGEH <sup>R</sup> / <sub>L</sub> -2020K-2T-20T	20	20.25	20	125	20	2.0		HTMT525	ETL25
MGEH <sup>R</sup> / <sub>L</sub> -2525M-2T-20T	25	25.25	20	150	25	2.0		HTMT525	ETL25
MGEH <sup>R</sup> / <sub>L</sub> -1616K-3T-20T	16	16.30	20	125	16	3.0	MGMN300.. MRMN300..	HTMT520	ETL25
MGEH <sup>R</sup> / <sub>L</sub> -2020K-3T-20T	20	20.30	20	125	20	3.0		HTMT525	ETL25
MGEHR-2525M-3T-20T	25	25.30	20	150	25	3.0		HTMT525	ETL25
MGEHR-2525M-4T-20T	25	25.35	20	150	25	4.0	MGMN400.. MRMN400..	HTMT525	ETL25



→ 搭配刀片 Insert [P.501](#) → 切削條件表 Cutting Condition [P.613](#)

# 外徑切槽切斷車刀桿

## EXTERNAL GROOVING & PARTING TOOLHOLDERS



右車刀桿圖示 Right-Hand Shown

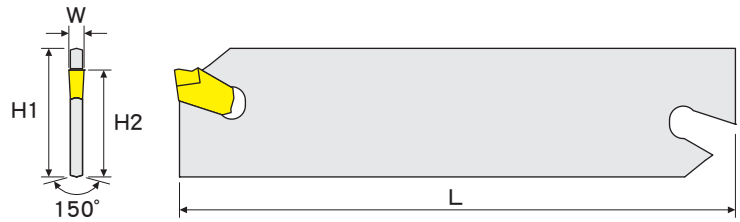
鋼材柄訂購編號 Order No. (Steel Shank)	尺寸 Dimension (mm)					W (mm)		搭配刀片 Insert	Screw 	Wrench 	
	H1 / H	F	L1	L	D	Min	Max				
KGM <sup>R</sup> <sub>L</sub> -1212K-1.5-L10	12	11.4	10	125	12	1.5	2.0	GMM2020..	HTM416	PL30	
KGM <sup>R</sup> <sub>L</sub> -1616K-1.5-L10	16	15.4	10	125	16	1.5	2.0		HTMT520	ETL25	
KGM <sup>R</sup> <sub>L</sub> -2020K-1.5-L10	20	19.4	10	125	20	1.5	2.0		HTMT525	ETL25	
KGM <sup>R</sup> <sub>L</sub> -2525M-1.5-L10	25	24.4	10	150	25	1.5	2.0		HTMT525	ETL25	
KGM <sup>R</sup> <sub>L</sub> -1212K-2T-L10	12	11.1	10	125	12	2.0	3.0	GMM2020.. GMM2520.. GMM3020..	HTM416	PL30	
KGM <sup>R</sup> <sub>L</sub> -1616K-2T-L10	16	15.1	10	125	16	2.0	3.0		HTMT520	ETL25	
KGM <sup>R</sup> <sub>L</sub> -2020K-2T-L10	20	19.1	10	125	20	2.0	3.0		HTMT525	ETL25	
KGM <sup>R</sup> <sub>L</sub> -2525M-2T-L10	25	24.1	10	150	25	2.0	3.0		HTMT525	ETL25	
KGM <sup>R</sup> <sub>L</sub> -1212K-2T-L13	12	11.1	13	125	12	2.0	3.0		HTM420	PL30	
KGM <sup>R</sup> <sub>L</sub> -1616K-2T-L13	16	15.1	13	125	16	2.0	3.0		HTMT520	ETL25	
KGM <sup>R</sup> <sub>L</sub> -2020K-2T-L13	20	19.1	13	125	20	2.0	3.0		HTMT525	ETL25	
KGM <sup>R</sup> <sub>L</sub> -2525M-2T-L13	25	24.1	13	150	25	2.0	3.0		HTMT525	ETL25	
KGM <sup>R</sup> <sub>L</sub> -1212K-2T-L17	12	11.1	17	125	12	2.0	3.0		HTM420	PL30	
KGM <sup>R</sup> <sub>L</sub> -1616K-2T-L17	16	15.1	17	125	16	2.0	3.0		HTMT520	ETL25	
KGM <sup>R</sup> <sub>L</sub> -2020K-2T-L17	20	19.1	17	125	20	2.0	3.0		HTMT525	ETL25	
KGM <sup>R</sup> <sub>L</sub> -2525M-2T-L17	25	24.1	17	150	25	2.0	3.0		HTMT525	ETL25	
KGM <sup>R</sup> <sub>L</sub> -1616K-3T-L16	16	14.8	16	125	16	3.0	4.0		GMM3020..	HTMT520	ETL25
KGM <sup>R</sup> <sub>L</sub> -2020K-3T-L16	20	18.8	16	125	20	3.0	4.0			HTMT525	ETL25
KGM <sup>R</sup> <sub>L</sub> -2525M-3T-L16	25	23.8	16	150	25	3.0	4.0			HTMT525	ETL25
KGM <sup>R</sup> <sub>L</sub> -1616K-3T-L20	16	14.8	20	125	16	3.0	4.0			HTMT525	ETL25
KGM <sup>R</sup> <sub>L</sub> -2020K-3T-L20	20	18.8	20	125	20	3.0	4.0	HTMT525		ETL25	
KGM <sup>R</sup> <sub>L</sub> -2525M-3T-L20	25	23.8	20	150	25	3.0	4.0	HTMT525		ETL25	
KGM <sup>R</sup> <sub>L</sub> -3232P-3T-L20	32	30.8	20	170	32	3.0	4.0	HTMT525		ETL25	

→ 搭配刀片  
Insert P.502

→ 切削條件表  
Cutting Condition P.613

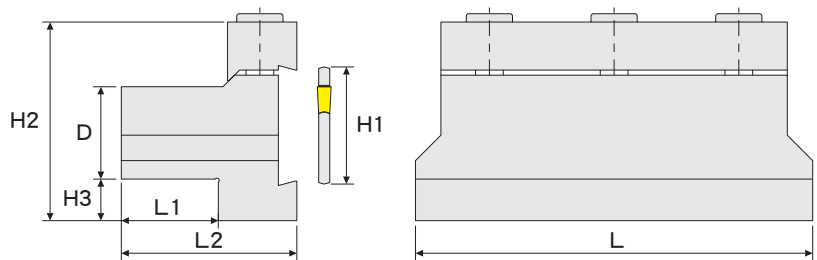
# 外徑切槽切斷車刀桿

## EXTERNAL GROOVING & PARTING TOOLHOLDERS



鋼材柄訂購編號 Order No. (Steel Shank)	尺寸 Dimension (mm)				搭配刀片 Insert	切斷板座 Tool Block	Wrench 
	H1	H2	L	W			
SGIH26-2	26	21.4	110	2.2	TGTN0220..	SGTBU...-26	ESG-1
SGIH26-3	26	21.4	110	3.1	TGTN0310..		
SGIH26-4	26	21.4	110	4.1	TGTN0410..		
SGIH32-2	32	25.0	150	2.2	TGTN0220..	SGTBU...-32	
SGIH32-3	32	25.0	150	3.1	TGTN0310..		
SGIH32-4	32	25.0	150	4.1	TGTN0410..		

→ 搭配刀片 Insert P.503 → 切削條件表 Cutting Condition P.614

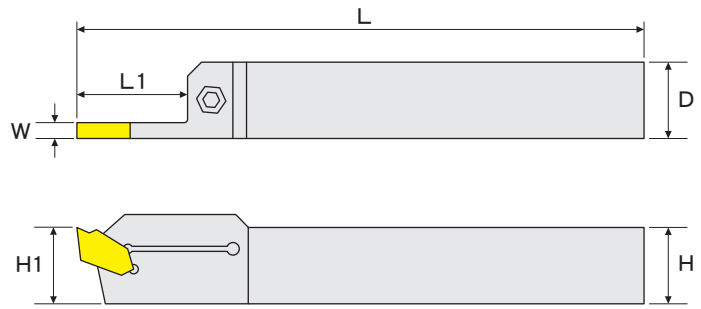
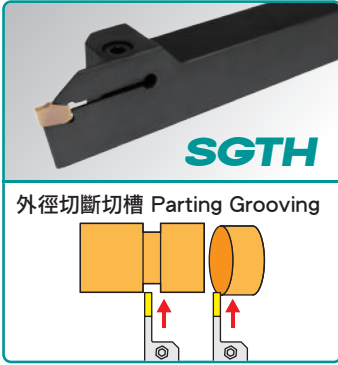


切斷板座 Tool Block

鋼材柄訂購編號 Order No. (Steel Shank)	尺寸 Dimension (mm)							搭配刀板 Blade	Screw 	Wrench 
	H1	H2	H3	L1	L2	L	D			
SGTBU20-26	26	43	9	21	38	86	20	SGIH26-..	HTM630	PL50
SGTBU25-26	26	43	4	23	40	86	25			
SGTBU20-32	32	50	13	21	40	110	20	SGIH32-..		
SGTBU25-32	32	50	8	23	42	110	25			

# 外徑切槽切斷車刀桿

## EXTERNAL GROOVING & PARTING TOOLHOLDERS



右車刀桿圖示 Right-Hand Shown

鋼材柄訂購編號 Order No. (Steel Shank)	尺寸 Dimension (mm)					搭配刀片 Insert	Screw 	Wrench 
	H1 / H	L1	L	D	W			
SGTHR1616-2	16	16	110	16	2	TGTN0220..	HTM521	PL40
SGTHR2020-2	20	18	125	20	2			
SGTHR2020-3	20	20	125	20	3			
SGTHR2525-3	25	25	150	25	3	TGTN0310..	HTM625	PL50
SGTHR2525-4	25	30	150	25	4			

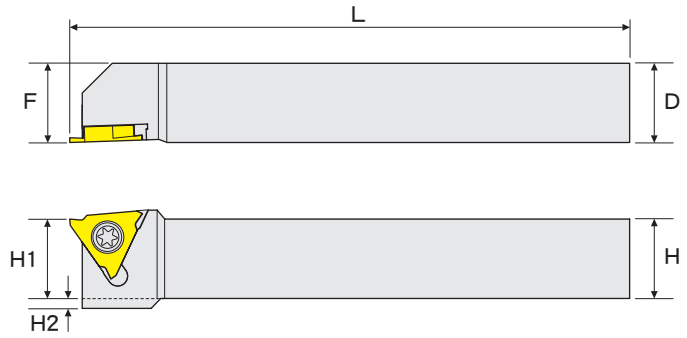
→ 搭配刀片 P.503  
Insert

→ 切削條件表 P.614  
Cutting Condition



# 外徑切槽車刀桿

## EXTERNAL GROOVING TOOLHOLDERS

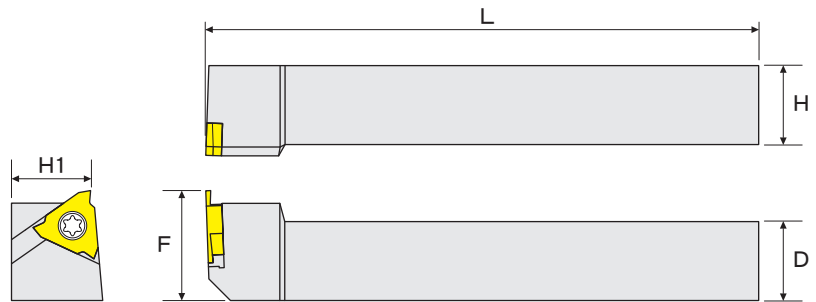
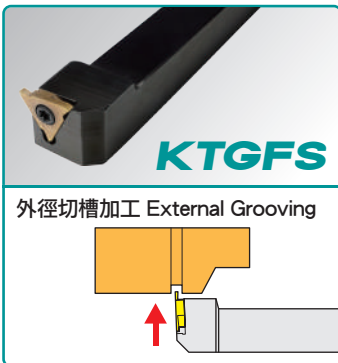


右車刀桿圖示 Right-Hand Shown

鋼材柄訂購編號 Order No. (Steel Shank)	尺寸 Dimension (mm)					搭配刀片 Insert	Screw 	Wrench 
	H1/H	F	H2	L	D			
KTGF <sup>R</sup> / <sub>L</sub> -1010K-16F	10	10	4	125	10	TGF32R.. / TGF32L..	MS4009A	ETF15
KTGFR-1012K-16F	10	12	2	125	12	TGF32R..	MS4011A	
KTGF <sup>R</sup> / <sub>L</sub> -1212K-16F	12	12	2	125	12	TGF32R.. TGF32L..		
KTGF <sup>R</sup> / <sub>L</sub> -1616K-16F	16	16	—	125	16	TGF32R..		
KTGFR-2020K-16F	20	20	—	125	20	TGF32R..		
KTGF <sup>R</sup> / <sub>L</sub> -1616K-16	16	20	—	125	16	TGF32R.. TGF32L..		
KTGF <sup>R</sup> / <sub>L</sub> -2020K-16	20	25	—	125	20			
KTGF <sup>R</sup> / <sub>L</sub> -2525M-16	25	32	—	150	25			

→ 搭配刀片  
Insert P.504, 505

→ 切削條件表  
Cutting Condition P.614



左車刀桿圖示 Left-Hand Shown

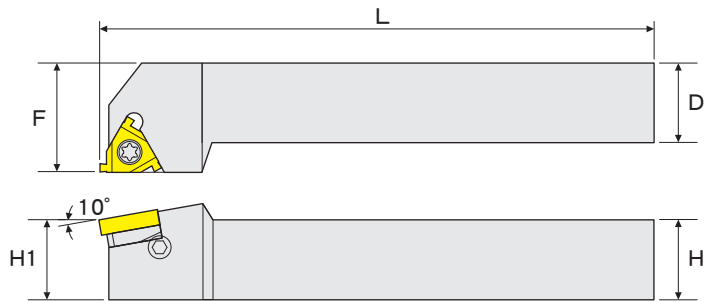
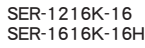
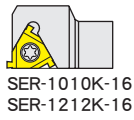
鋼材柄訂購編號 Order No. (Steel Shank)	尺寸 Dimension (mm)				搭配刀片 Insert	Screw 	Wrench 
	H1 / H	F	L	D			
KTGFSL-1616K-16	16	22	125	16	TGF32R..	MS4009A	ETF15
KTGFSL-2020K-16	20	26	125	20			

→ 搭配刀片  
Insert P.504, 505

→ 切削條件表  
Cutting Condition P.614

# 外徑切槽車刀桿

## EXTERNAL GROOVING TOOLHOLDERS



右車刀桿圖示 Right-Hand Shown

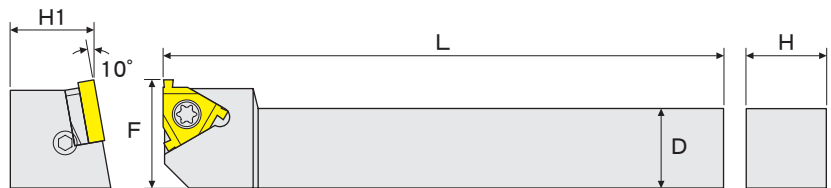
鋼材柄訂購編號 Order No. (Steel Shank)	尺寸 Dimension (mm)				搭配刀片 Insert		配件 Spare Parts
	H1 / H	F	L	D	切槽加工 Grooving	螺紋加工 Threading	
SE <sup>R/L</sup> -1216K-16	12	16	125	16	TGL16ER.. TGL16EL..	16ER.. 16EL..	①
SE <sup>R/L</sup> -1010K-16H	10	10	125	10			
SE <sup>R/L</sup> -1212K-16H	12	12	125	12			
SE <sup>R/L</sup> -1616K-16H	16	16	125	16			
SE <sup>R/L</sup> -1616K-16	16	20	125	16			②
SE <sup>R/L</sup> -2020K-16	20	25	125	20			
SE <sup>R/L</sup> -2525M-16	25	32	150	25			
SE <sup>R/L</sup> -3232P-16	32	40	170	32			

配件 Spare Parts	Screw	Shim	Screw	Wrench	Wrench
①	MS3509A	—	—	—	ETF15
②	MS3512A	GXN16 / GXE16	HTM309	PL25	ETF15

※ SER 刀桿搭配 GXE 墊片；SEL 刀桿搭配 GXN 墊片。SER right hand tools shim is GXE | SEL left hand tools shim is GXN.

→ 搭配刀片 P.506, 507  
Insert

→ 切削條件表 P.614  
Cutting Condition



右車刀桿圖示 Right-Hand Shown

鋼材柄訂購編號 Order No. (Steel Shank)	尺寸 Dimension (mm)				搭配刀片 Insert		配件 Spare Parts
	H1 / H	F	L	D	切槽加工 Grooving	螺紋加工 Threading	
SKE <sup>R/L</sup> -1212K-16	12	18	125	12	TGL16ER.. TGL16EL..	16ER.. 16EL..	①
SKE <sup>R/L</sup> -1616K-16	16	22	125	16			
SKE <sup>R/L</sup> -2020K-16	20	27	125	20			②
SKE <sup>R/L</sup> -2525M-16	25	34	150	25			

配件 Spare Parts	Screw	Shim	Screw	Wrench	Wrench
①	MS3509A	—	—	—	ETF15
②	MS3512A	GXN16 / GXE16	HTM309	PL25	ETF15

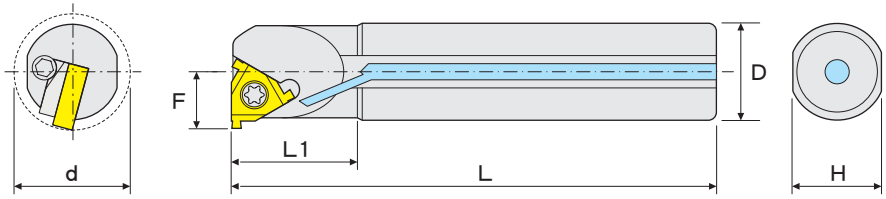
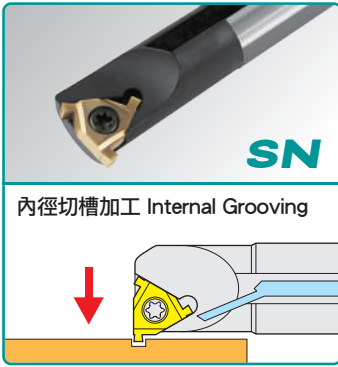
※ SKER 刀桿搭配 GXE 墊片；SKEL 刀桿搭配 GXN 墊片。SKER right hand tools shim is GXE | SKEL left hand tools shim is GXN.

→ 搭配刀片 P.506, 507  
Insert

→ 切削條件表 P.614  
Cutting Condition

# 內徑切槽車刀桿

## INTERNAL GROOVING TOOLHOLDERS



右車刀桿圖示 Right-Hand Shown

鋼材柄訂購編號 Order No. (Steel Shank)		尺寸 Dimension (mm)				最小車徑 d	搭配刀片 Insert		配件 Spare Parts
無出水孔 Non-coolant	出水孔 Coolant	F	L1	L	D		切槽加工 Grooving	螺紋加工 Threading	
SN <sup>R/L</sup> -0010K-11-S10	SN <sup>R/L</sup> -A0010K-11-S10	6.5	22	125	10	13	TGL11IR.. TGL11IL..	11IR.. 11IL..	①
SN <sup>R/L</sup> -0012M-11-S12	SN <sup>R/L</sup> -A0012M-11-S12	8.0	26	150	12	16	TGL16IR.. TGL16IL..	16IR.. 16IL..	②
SN <sup>R/L</sup> -0016Q-16	SN <sup>R/L</sup> -A0016Q-16	10.0	36	180	16	19			
SN <sup>R/L</sup> -0020R-16	SN <sup>R/L</sup> -A0020R-16	12.0	40	200	20	24			
SN <sup>R/L</sup> -0025R-16	SN <sup>R/L</sup> -A0025R-16	14.5	45	200	25	29			
SN <sup>R/L</sup> -0032S-16	SN <sup>R/L</sup> -A0032S-16	18.5	45	250	32	36			③

配件 Spare Parts	Screw	Wrench	Shim	Screw	Wrench
①	MS2507G	ETF08	—	—	—
②	MS3509A	ETF15	—	—	—
③	MS3512A	ETF15	GXN16 / GXE16	HTM309	PL25

※ SNR 刀桿搭配 GXN 墊片；SNL 刀桿搭配 GXE 墊片。SNR right hand tools shim is GXN | SNL left hand tools shim is GXE.

→ 搭配刀片 Insert [P.506, 507](#)

→ 切削條件表 Cutting Condition [P.614](#)

