

Face Grooving Diameter Table

● Specification Table of Shallow Grooving Insert (Depth ≤ 8.1mm)

Type	Width (mm)	Depth (mm)	Face Grooving Dia.øD (mm)										Reference Page		
			6	8	20	30	50	70	100	150	250	→∞			
TWFG (Lay-down Twin Bar)	0.5~2.0	1.0~3.0	6~∞ (Traversing is not available)										G54		
TWFGT (Up-right Twin Bar)	0.5~2.0	1.0~3.0	6~∞ (Traversing is not available)												
VNFG (System Tip-Bar)	1.0~3.0	2.0~3.0	8~∞ (Traversing is not available)										G56		
HPFG (2 Edges Tip-Bar)	1.0~3.0	2.0~3.0	8~∞ (Traversing is not available)										G53		
PSFG-S (Tip-Bar)	1.0~3.0	2.0	8~∞ (Traversing is not available)										G57		
GFVS-AA, GFVT-AA	1.0~3.0	2.2	8~∞ (ap has to be less than corner-R(rε) when traversing with edge width 1.0mm)										G58		
GFV 201A	2.0~3.4	2.2			20~∞									G60	
KGMM KGMS	3.0	3.0~3.5			22~∞									G24	
	4.0	4.0				28~∞									
	5.0	4.0				30~∞									
GIFV 201A	2.0~3.4	2.2					35~∞								G70
GFV, GFVS, GFVT 351B	2.5~3.5	4.6						35~50						G60 G62 G70	
GIFV 352B	4.0~4.9	5.1						35~50							
GFV, GFVS, GFVT GIFV	501B	2.5~3.5	4.6						50~70						
	502B	4.0~4.9	5.1						50~70						
	501C	3.5~4.5	6.6						50~70						
	502C	5.0~6.0	8.1						50~70						
GFV, GFVS, GFVT	701B	2.5~3.5	4.6							70~100				G60 G62	
	702B	4.0~4.9	5.1							70~100					
	701C	3.5~4.5	6.6							70~100					
	702C	5.0~6.0	8.1							70~100					
GFV, GFVS, GFVT	1001C	3.5~4.5	6.6								100~150				
	1002C	5.0~6.0	8.1								100~150				
GFV, GFVS, GFVT	1501C	3.5~4.5	6.6									150~250			
	1502C	5.0~6.0	8.1									150~250			

● Specification Table of Deep Grooving Insert (Depth > 8.1mm)

Toolholder Type	Width (mm)	Depth (mm)	Face Grooving Dia.ØD (mm)										Reference Page
			25	50	75	100	150	200	250	510	→∞		
KFMS ^{R/L} -3	3.0	13	25~30										G66
			30~40										
			40~50										
		22		50~65	65~85								
25				85~110	110~145								
KFMS ^{R/L} -4	4.0	12	25~35										G66
		20		35~50									
		25			50~70	70~100							
							100~150						
								150~220					
KFMS ^{R/L} -5	5.0 6.0	20	25~35										G67
				35~50									
		25			50~75	75~115							
							115~180						
								180~235			235~∞		
KFMS ^{R/L} -8	8.0	25		54~64								G68	
					63~82								
						80~115							
							105~160			155~510			

Blade type	Width (mm)	Depth (mm)	Face Grooving Dia.øD (mm)									Reference Page
			25	50	75	100	150	200	250	510	→∞	
KFTB ^{R/L} -4S	4.0	25			65~100							G69
		30			90~150							
						140~250						
KFTB ^{R/L} -5S	5.0								230~∞			
		30			90~150							
		32					150~250					
		38							250~∞			

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