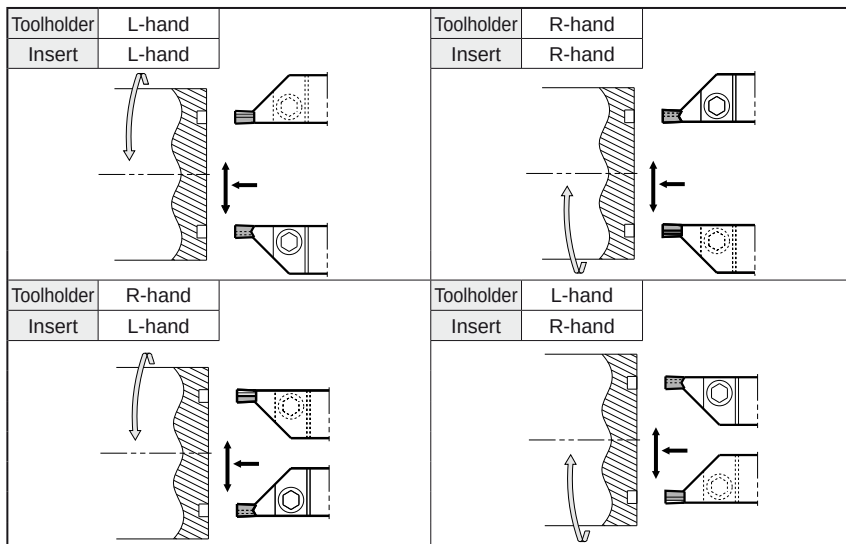
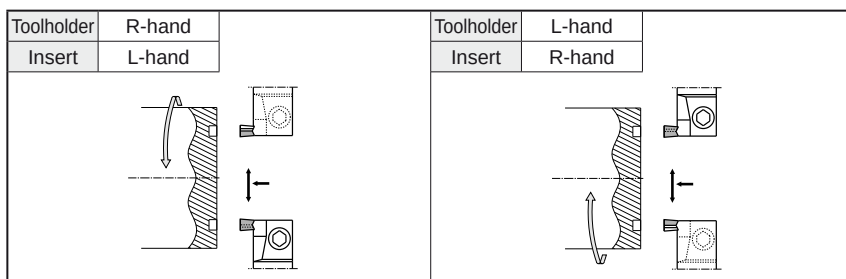


◆ Selection of Insert & Toolholder (Face Grooving)

● Case of KGMM



● Case of KGMS



◆ Min. Cutting Dia. (Face Grooving)

● KGMM / KGMS (Common)

Description	øDmin	t
GMG / GMM3020-○○○□	ø100	4.8
GMG / GMM4020-○○○□		
GMG / GMM5020-○○○□		
FGG [®] / 3020-02	ø22	4.3
FGG [®] / 4020-04	ø28	4.8
FGG [®] / 5020-04	ø30	
GMG3020-150RU	ø22	4.3
GMG4020-200RU	ø28	4.8
GMG5020-250RU	ø30	

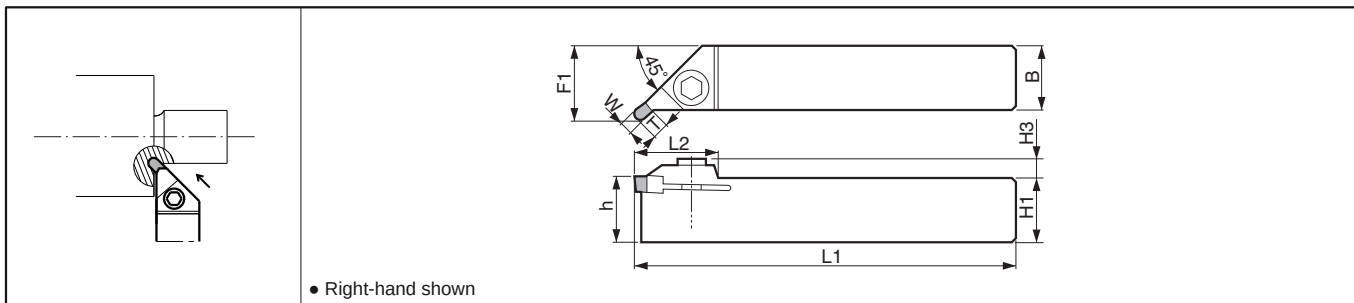
G



Grooving



■ KGMU (External Undercutting Toolholder)



● Toolholder Dimensions

Description	Std.	Dimension (mm)										Edge Width W (mm)		Spare Parts	
		R	L	H1=h	H3	B	L1	L2	F1	T		MIN.	MAX.	Screw	Wrench
KGMU [®] / 2020K 2525M	●	●	20	6	20	125	28.5	23.6	4.8			3.0	5.0	HH5X16	LW-4
	●	●	25		25	150	28.5	28.6					(6.0)	HH5X25	

• Dimension T shows the distance from the Toolholder to the cutting edge. See the table below for the available Grooving Depth.

Dimension F1 shows at GMM5020-RU. () indicates external grooving inserts when installed.

● Applicable Insert

Applications	Undercutting		
Ref. Page	G18		
Shape			
Toolholder			
KGMU [®] / 2020K 2525M	GMG3020..RU GMG4020..RU GMG5020..RU		

• External grooving inserts (grooving width 3mm~6mm) will be attached.
(In case of using GMG○○○20-○○, GMM○○○20-○○○○, GMM○ insert)

◆ Undercut Depth t

Description	Undercut Depth	Distance from the face of the workpiece.
	t (mm)	ap (mm)
GMG3020-15RU	3.5	1.8
GMG4020-20RU	4.0	1.9
GMG5020-25RU	4.5	2.1

* In case of undercutting for the diameter over 100mm, external grooving inserts
GMG ○○ 20-○○, GMM ○○ 20-○○○○, GMM○ are also available.

● : Std. Item ○ : Check Availability R : Std. Item (R-hand Only) L : Std. Item (L-hand Only)