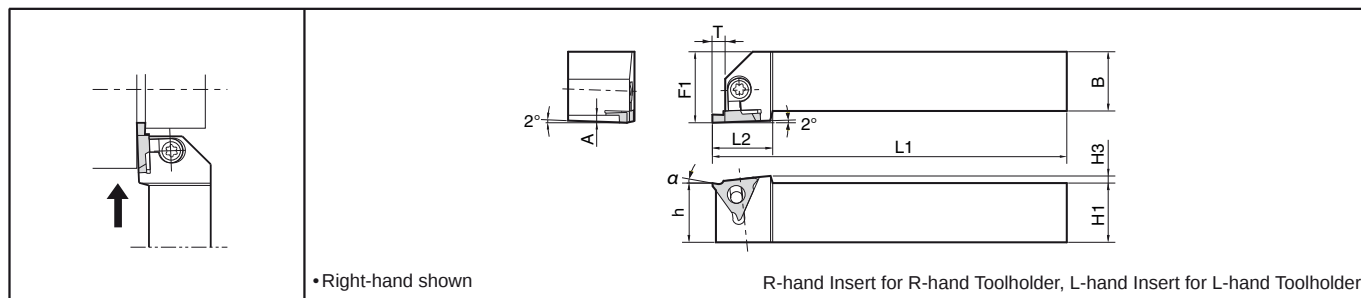
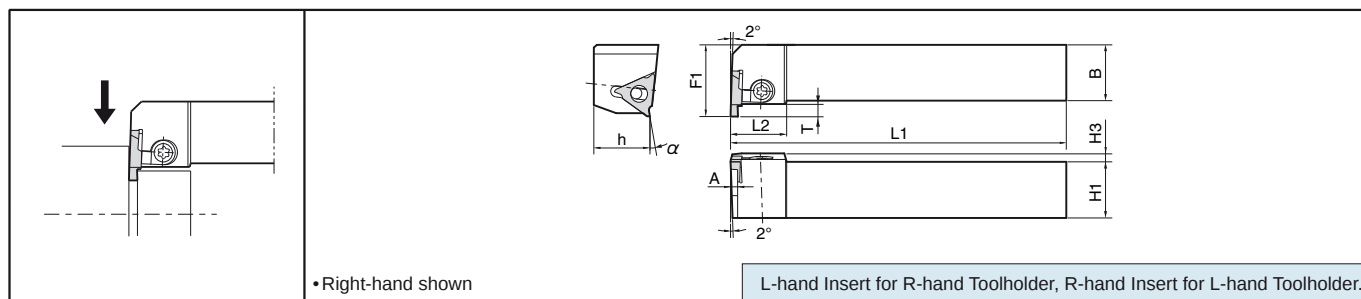


External Shallow Grooving Toolholders

KGBA



KGBAS



Toolholder Dimensions

Description	Std.		Dimension (mm)										Spare Parts		Applicable Inserts ⚙️ G6~G8	
													Clamp Set	Wrench		
	R	L	H1=h	H3	B	L1	L2	F1	A	T						
KGBA ^{R/L}	1616H-16	●●	16	4.0	16	100	24	20	-	2.5			LGBA-16 ^{R/L} S	FT-15	GBA32 ^{R/L} type	
	2020K-16	●●	20	4.0	20	125	24	25	-	2.5						
	2525M-16	●●	25		25	150		30					LGBA-22 ^{R/L} S		GBA43 ^{R/L} type	
	2020K22-15	●●	20	4.0	20	125	25.5	25	1.0	4.0						
	2525M22-15	●●	25		25	150		30								
	2020K22-25	●●	20	4.0	20	125	25.5	25	2.0	4.5						
	2525M22-25	●●	25		25	150		30								
	2020K22-25T5	●●	20	4.0	20	125	25.5	25	2.0	5.5						
	2525M22-25T5	●●	25		25	150		30								
	2020K22-35	●●	20	4.0	20	125	25.5	25	3.0							
	2525M22-35	●●	25		25	150		30								
	2020H22-15*	●		20	4.0	20	100	25.5	25	1.0	4.0					
2020H22-25*	●		2.0							4.5						
2020H22-35*	●		3.0							5.5						
KGBAS ^{R/L}	2020K-16	●●	20	4.0	20	125	25	25	-	2.5			LGBA-16 ^{R/L} S	FT-15	GBA32 ^{R/L} type	
	2525M-16	●●	25	4.5	25	150		30								
	2020K22-15	●●	20	4.5	20	125	25	27	1.0	4.0			LGBA-22 ^{R/L} S		GBA43 ^{R/L} type	
	2525M22-15	●●	25	5.0	25	150		32								
	2020K22-25	●●	20	4.5	20	125	25	27	2.0	4.5						
	2525M22-25	●●	25	5.0	25	150		32								
	2020K22-25T5	●●	20	4.5	20	125	25	27	2.0	5.5						
	2525M22-25T5	●●	25	5.0	25	150		32								
	2020K22-35	●●	20	4.5	20	125	25	27	3.0							
	2525M22-35	●●	25	5.0	25	150			32							

• Dimension T shows the distance from the Toolholder to the cutting edge. Dimension B shows available grooving depth.

★ mark indicates short shank type.

• Clamp Set: KGBA^{R/L} ... LGBA-ORS for Right-hand Toolholder, and LGBA-OLS for Left-hand Toolholder.
KGBAS^{R/L} ... LGBA-OLS for Right-hand Toolholder, and LGBA-ORS for Left-hand Toolholder.

Rake Angle (α) after Installment of GBA

GBA32 ^{R/L} ○○○○-○○○		GBA43 ^{R/L} ○○○○-○○○		GBA43 ^{R/L} ○○○○-○○○ R (Full-R)	
α	Insert Grades	α	Insert Grades	α	Insert Grades
10°	TN90 PR630 PR930 PR1115 PR905 KPD001, KPD010	0°	KBN510, KBN525	10°	TN90 PR630 PR930 PR1115 PR905
		10°	TC40, TN90 PR630 PR930 PR1115 PR905 KPD001, KPD010	14°	TN90 PR630 PR930 PR1115 PR905
20°	KW10	20°	KW10		KW10
					Full-R Description
					050R~150R
					200R
					050R~200R

Rake Angle (α) after Installment of GBA-MY

α	Description
15°	GBA43 ^{R/L} 175MY GBA43 ^{R/L} 350MY
14°	GBA43 ^{R/L} 400MY

α indicates the rake angle at the center of the edge width, after installing insert.