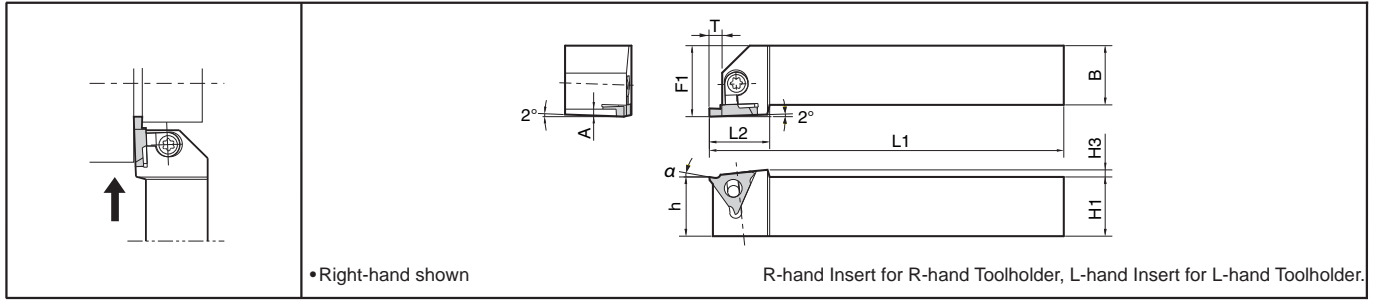
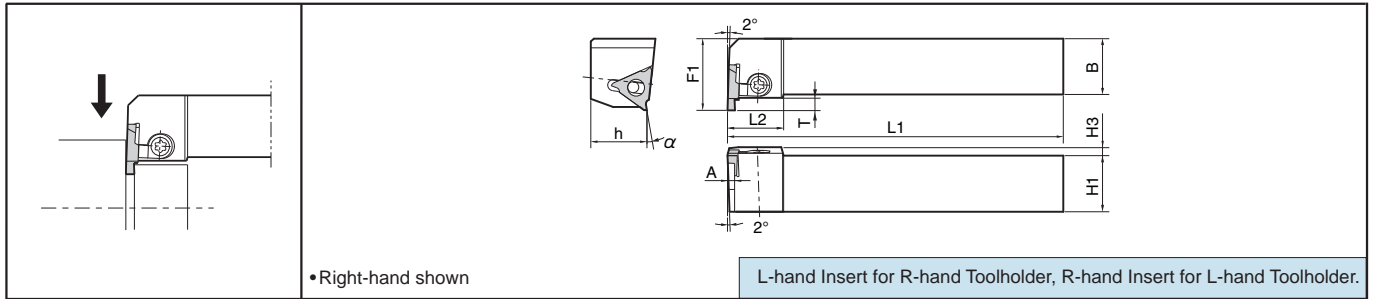


# External Shallow Grooving Toolholders

## KGBA



## KGBAS



### Toolholder Dimensions

Description	Std.		Dimension (mm)									Spare Parts		Applicable Inserts G10~G12				
	R	L	H1=h	H3	B	L1	L2	F1	A	T	Clamp Set	Wrench						
<b>KGBA<sup>R/L</sup></b>																		
<b>1616H-16</b>	●	●	16		16	100		20		2.5				LGBA-16 <sup>R/L</sup> S			GBA32 <sup>R/L</sup> type	
<b>2020K-16</b>	●	●	20	4.0	20	125	24	25	-	2.5							GBA43 <sup>R/L</sup> type	
<b>2525M-16</b>	●	●	25		25	150		30										
<b>2020K22-15</b>	●	●	20	4.0	20	125	25.5	25	1.0	4.0								
<b>2525M22-15</b>	●	●	25		25	150		30										
<b>2020K22-25</b>	●	●	20	4.0	20	125	25.5	25	2.0	4.5								
<b>2525M22-25</b>	●	●	25		25	150		30										
<b>2020K22-25T5</b>	●	●	20	4.0	20	125	25.5	25	2.0									
<b>2525M22-25T5</b>	●	●	25		25	150		30										
<b>2020K22-35</b>	●	●	20	4.0	20	125	25.5	25	3.0									
<b>2525M22-35</b>	●	●	25		25	150		30										
<b>2020H22-15*</b>	●								1.0	4.0								
<b>2020H22-25*</b>	●		20	4.0	20	100	25.5	25	2.0	4.5								
<b>2020H22-35*</b>	●								3.0	5.5								
<b>KGBAS<sup>R/L</sup></b>																		
<b>2020K-16</b>	●	●	20	4.0	20	125	25	25	-	2.5				LGBA-16 <sup>R/L</sup> S			GBA32 <sup>R/L</sup> type	
<b>2525M-16</b>	●	●	25	4.5	25	150		30									GBA43 <sup>R/L</sup> type	
<b>2020K22-15</b>	●	●	20	4.5	20	125	25	27	1.0	4.0								
<b>2525M22-15</b>	●	●	25	5.0	25	150		32										
<b>2020K22-25</b>	●	●	20	4.5	20	125	25	27	2.0	4.5								
<b>2525M22-25</b>	●	●	25	5.0	25	150		32										
<b>2020K22-25T5</b>	●	●	20	4.5	20	125	25	27	2.0									
<b>2525M22-25T5</b>	●	●	25	5.0	25	150		32										
<b>2020K22-35</b>	●	●	20	4.5	20	125	25	27	3.0									
<b>2525M22-35</b>	●	●	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<sup>R/L</sup>...LGBA-ORS for R-hand Toolholder, and LGBA-OLS for L-hand Toolholder.  
KGBAS<sup>R/L</sup>...LGBA-OLS for R-hand Toolholder, and LGBA-ORS for L-hand Toolholder.

### Rake Angle (α) after Installment of GBA

GBA32 <sup>R/L</sup> ○○○-○○○		GBA43 <sup>R/L</sup> ○○○-○○○		GBA43 <sup>R/L</sup> ○○○-○○○ R(Full-R)	
α	Insert Grades	α	Insert Grades	α	Insert Grades
10°	TN90,PR630,PR930 PR1115,PR1215,PR905 KPD001,KPD010	0°	KBN510, KBN525	10°	TN90,PR630,PR930 PR1115,PR1215,PR905
		10°	TC40N,TN90,PR630,PR930 PR1115,PR1215,PR905 KPD001, KPD010		
20°	KW10	10°		14°	TN90,PR630,PR930 PR1115,PR1215,PR905
		20°	KW10		
					KW10
					050R~200R

### Rake Angle (α) after Installment of GBA-MY

α	Description
15°	GBA43 <sup>R/L</sup> 175MY
	GBA43 <sup>R/L</sup> 350MY
14°	GBA43 <sup>R/L</sup> 400MY

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

### External Grooving Toolholders KGBA Short Shank types are available

For NC lathe and HSK tooling, KGBAR2020K-○○ (Overall length 125mm) short shank type KGBAR2020H22-○○ (Overall length 100mm) is available. No longer required for the users to cut the shank portion.

● : Std. Item □ : Check Availability

