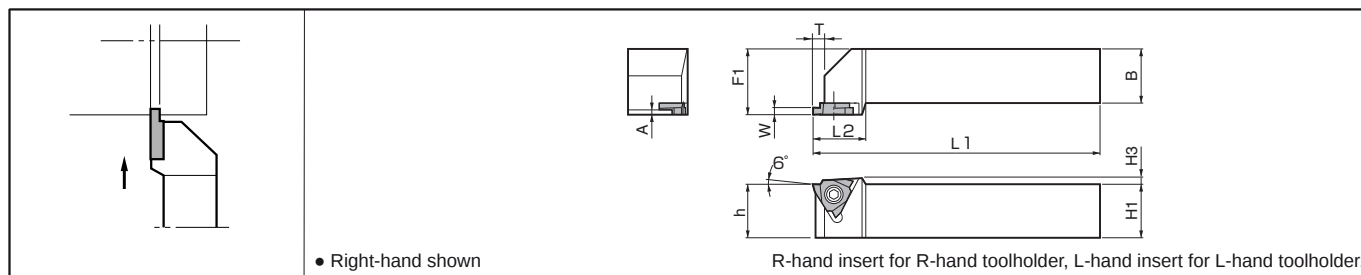


External Shallow Grooving Toolholders [TG Insert]

KTG (Changes to KGBA ➡ **G9**)



● Toolholder Dimensions

Description		Std.		Dimension (mm)										Spare Parts				
														Clamp Screw		Wrench		
		R	L	H1-h	H3	B	L1	L2	F1	A	T							
KTG ^{R/L}	2020K-16	●	●	20	3.0	20	125	20	25	-	2.5			SB-4TR	-	FT-15	-	
	2525M-16	●	●	25		25	150		30									
	2020K22-15	●	●	20	3.0	20	125	25	25	1.0	4.0			-	GS-50	-	LW-3	
	2525M22-15	●	●	25		25	150		30									
	2020K22-25	●	●	20	3.0	20	125	25	25	2.0	4.5							
	2525M22-25	●	●	25		25	150		30									
2020K22-35	●	●	20	3.0	20	125	25	25	3.0	5.5								
2525M22-35	●	●	25		25	150		30										

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

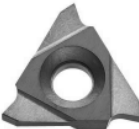
* GBA Insert cannot be installed to this toolholder.

Applicable Inserts

(TG insert changes to GBA ➡ G6~➡ G8)

Description	A	T	ød
TG32_	9.525	3.18	4.5
TG43_	12.70	4.76	5.5

P	Carbon Steel / Alloy Steel				Classification of usage 💡 : Continuous-Light Interruption / 1st Choice 💡🚫 : Continuous-Light Interruption / 2nd Choice ● : Continuous / 1st Choice ○ : Continuous / 2nd Choice
M	Stainless Steel				
K	Cast Iron				
N	Non-ferrous Metals				
S	Titanium Alloy				
H	Hard materials (under 40HRC)				
	Hard materials (over 40HRC)				

Insert		Description	Dimension (mm)			Cermat				Applicable Toolholder	Ref. Page for Toolholder	
			W	B	C or r _E	TN60	TN90	TC40	TC60			
R-hand shown												
General (Square) (Corner is C shape)  TG32 type	 (Corner is C shape)	TG32^{R/L}	075	0.75	2.0	C0.1				KTG^{R/L}...16	G15	
			095	0.95								
			125	1.25								
			145	1.45								
			150	1.50								
			175	1.75								
			200	2.00								
 General (Square) (Corner is R shape)  TG43 type		TG43^{R/L}	150	1.50	3.5	0.2				KTG^{R/L}...22-15	G15	
			175	1.75								
			200	2.00								
			230	2.30								
			250	2.50	4.0	0.3				KTG^{R/L}...22-25		
			265	2.65								
			280	2.80								
			300	3.00								
			330	3.30	5.0	0.4				KTG^{R/L}...22-35		
			350	3.50								
			400	4.00								
			430	4.30								
			450	4.50								

- Dimension B shows available grooving depth.

* KTG will be switched to KGBA.

Machining against the wall is available.

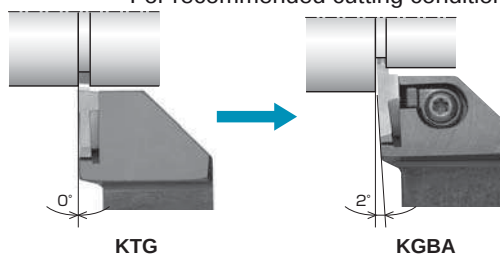
* For applicable insert, TG insert changes to GBA.

Change Insert Grade TN60 for TN90.

GBA insert has various types of material available for user's cutting condition requirements.

* Check the corner-R(rε) of the insert when changing.

For recommended cutting conditions, see page **G73**



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

kyocera@kyocera-tools.ru
www.kyocera-tools.ru

**Inserts are sold
in 10 piece boxes.**

G15