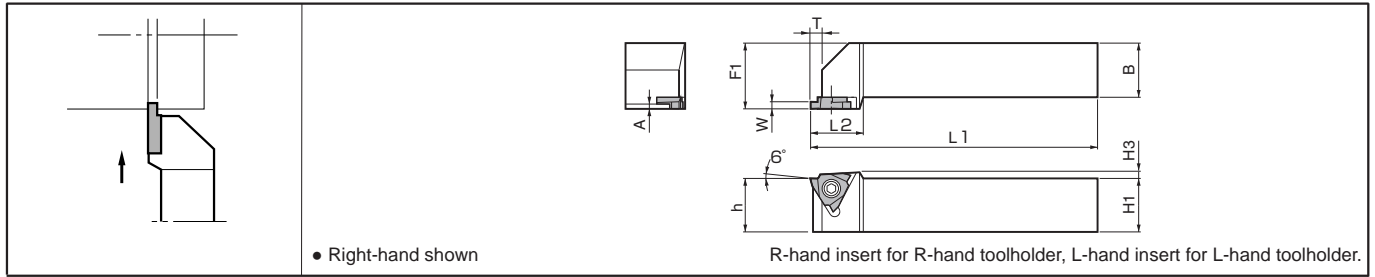


External Shallow Grooving Toolholders [TG Insert]

KTG (Changes to KGBA G13)



Toolholder Dimensions

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

* 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 G10~ G12)

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
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)				Cermet	Applicable Toolholder	Ref. Page for Toolholder	
		W	B	C or rε	TN60 TN90 TC40 TC60				
R-hand shown General (Square) (Corner is C shape) TG32 type General (Square) (Corner is R shape) TG43 type	TG32^{R/L}	075	0.75	2.0	C0.1			KTG^{R/L}...16	G18
		095	0.95						
		125	1.25						
		145	1.45						
		150	1.50						
	TG43^{R/L}	150	1.50	3.5	0.2			KTG^{R/L}...22-15	G18
		175	1.75						
		200	2.00						
		230	2.30						
		250	2.50						
			5.0	0.4			KTG^{R/L}...22-25	G18	
			5.0	0.4			KTG^{R/L}...22-35	G18	

* Dimension B shows available grooving depth.

For recommended cutting conditions, see page G90

* KTG will be switched to KGBA.

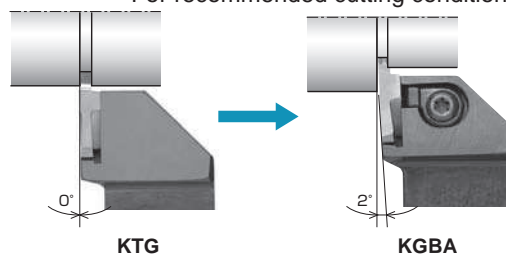
Machining against the wall is available.

* For applicable insert, TG insert changes to GBA.

Change Insert Grade TN60 for TN90.

There are various types of GBA insert materials available depending on the user's cutting condition requirements.

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



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