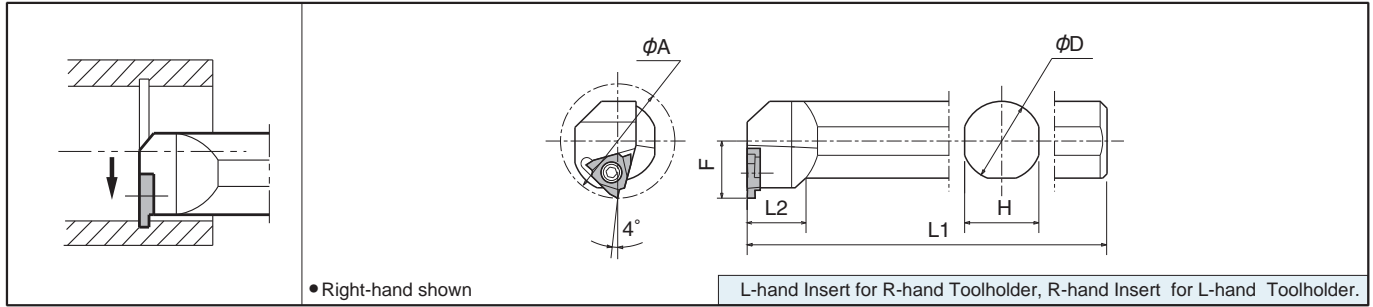


Internal Large Diameter Shallow Grooving Toolholders [TG Insert]

KITG (Changes to KIGBA, See Page G43)



Toolholder Dimensions

Description	Std.	Min. Cutting Dia.	Dimension (mm)								Spare Parts				
			R	L	øA	øD	H	L1	L2	F	Clamp Screw		Wrench		
											SB-4TR	GS-50	FT-15	LW-3	
KITG^{R/L} 3525T-16	●	●	35	25	23	220	18	17.5				SB-4TR	-	FT-15	-
4532T-22	●	●	45	32	30	250	20	22.5				-	GS-50	-	LW-3

* Available Grooving Depth : KITG^{R/L}3525T-16=2.0mm, KITG^{R/L}4532T-22=2.5mm

* KITG will be switched to KIGBA as an Internal Large Diameter Shallow Grooving Toolholder; however, it will continue to be sold as Internal Threading Toolholder (J23).

* GBA Insert cannot be installed to this toolholder.

Applicable Inserts

(TG type insert changes to GBA type See page G10 ~ G12)

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

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

Insert R-hand shown	Description	Dimension (mm)				Cermets				Applicable Toolholder	Ref. Page for Toolholder
		W	B	C or rε	TN60	TN90	TC40	TC60			
<p>General (Square) TG32 type</p>	TG32^{R/L} 075	0.75	2.0	C0.1	●				KITG^{R/L} ...-16	G56	
	095	0.95			●						
	125	1.25			●						
	145	1.45			●						
	150	1.50			●						
	175	1.75			●						
<p>General (Square) (Corner is R shape) TG43 type</p>	TG43^{R/L} 150	1.50	3.5	0.2	●				KITG^{R/L} ...-22	G56	
	175	1.75			●						
	200	2.00			●						
	230	2.30	●	4.0	0.3	●					
	250	2.50	●								
	265	2.65	●								
	280	2.80	●	5.0	0.4	●					
	300	3.00	●								
	330	3.30	●								
	350	3.50	●								
	400	4.00	●								
	430	4.30	●								
	450	4.50	●								

* Dimension B: shows available grooving depth.

* KITG will be switched to KIGBA.

* 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.

For recommended cutting conditions, see page G90

Inserts are sold in 10 piece boxes.

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