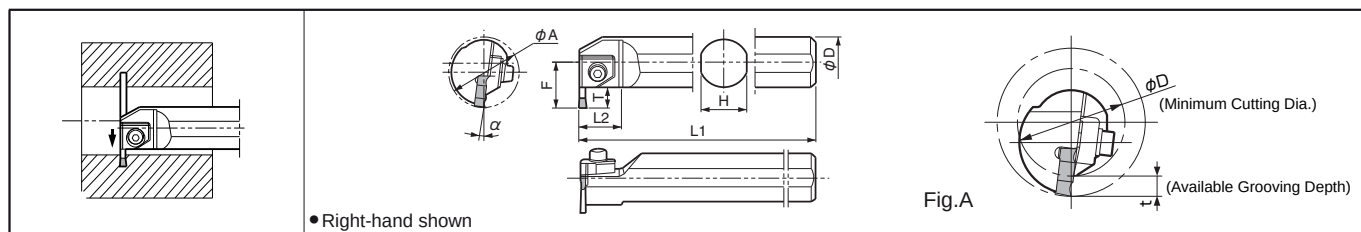


Internal Large Diameter Deep Grooving Toolholders [GH / GHU Insert]

HIGH



Toolholder Dimensions

Description		Std.		Min. Cutting Dia.	Dimension (mm)								Spare Parts					
		R L		ØA	ØD	H	L1	L2	F	T				Clamp	Clamp Bolt	Washer	Spring	Wrench
																		
KIGH ^{R/L}	4532B-4	●	45	32	30	200			28.2	12			CGH-1L	HH6X25	W-6	SP-6	LW-5	
	5540B-4	●	55	40	38	250	27	32.2										
	6550B-4	●	65	50	48	300		37.2										
	4532B-5	●	45	32	30	200		28.2										
	5540B-5	●	55	40	38	250	27	32.2	12									
	6550B-5	●	65	50	48	300		37.2										
	5540B-7	●	55	40	38	250		32.2	12									
	6550B-7	●	65	50	48	300	27	37.2				CGH-2L						

• Dimension T shows the distance from the Toolholder to the cutting edge. For the available Grooving Depth (t) see "List of Minimum Available Cutting Diameter and Groove Depth".
• Dimension L2 depends on the width of the installed Insert.

Rake Angle (α) after Installment of GH / GHU

When using GH ○○○○ - ○○		When using GHU ○○○○	
α	Insert Grades	α	Insert Grades
-5°	A65, A66N	+5°	TN60 CR9025
+5°	TC40		
+15°	TN90, TC60 PR630, PR930 KW10		

List of the Minimum Cutting Diameter and Grooving Depth (Refer Fig.A)

Toolholder		øD (Minimum Cutting Dia.)					
KIGH ^{R/L}	4532B-○	ø110	ø70	ø65	ø60	ø55	ø45
	5540B-○	ø70	ø60	ø55			
	6550B-○	ø65					
Available Grooving Depth t (mm)		12	11.5	11	10	9	under 8

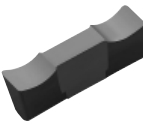
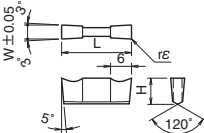
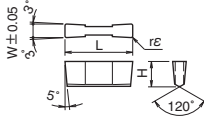
G



Grooving

Applicable Inserts

Description	L (mm)	H (mm)
GH4020-○○ ~GH8020-○○	20	7.5
GHU ○○○○	20	

Insert		Description	Dimension (mm)		Cermet				CVD Coated Carbide	PVD Coated Carbide	Carbide	Ceramic				Applicable Toolholder	
			W	re	TN60	TN90	TC40	TC60				CR9025	PR630	PR930	KW10		A65
 Ground Chipbreaker	 Ceramic insert is above shape.	GH 4020-02	4.0	0.2		●	●				●	●				KIGH ^{R/L} 4532B-4 5540B-4 6550B-4	
				4020-05	0.5		●	●							●		●
		4520-02	4.5	0.2			●										
				4520-05	0.5			●									
		5020-02	5.0	0.2		●	●					●	●				KIGH ^{R/L} 5540B-7 6550B-7
				5020-05	0.5		●	●					●	●	●	●	
		5520-02	5.5	0.2			●										
				5520-05	0.5			●									
		6020-02	6.0	0.2		●	●					●	●				KIGH ^{R/L} 5540B-7 6550B-7
				6020-05	0.5		●	●				●	●	●		●	
6520-02	6.5	0.2			●										KIGH ^{R/L} 5540B-7 6550B-7		
		6520-05	0.5			●											
7020-02	7.0	0.2		●	●					●	●					KIGH ^{R/L} 5540B-7 6550B-7	
		7020-05	0.5		●	●				●	●	●		●			
7520-02	7.5	0.2			●						●	●			KIGH ^{R/L} 5540B-7 6550B-7		
		7520-05	0.5			●											
8020-02	8.0	0.2		●	●					●	●					KIGH ^{R/L} 5540B-7 6550B-7	
		8020-05	0.5		●	●					●	●					
 Ceramic	 Ceramic insert is above shape.	GHU 4020	4.0	0.25	●				●						KIGH ^{R/L} ...○○○ B-4		
				5020	5.0	0.30	●				●						KIGH ^{R/L} ...○○○ B-5
						6020	6.0	0.30	●				●				

For recommended cutting conditions, see page G73

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

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www.kyocera-tools.ruInserts are sold
in 10 piece boxes.

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