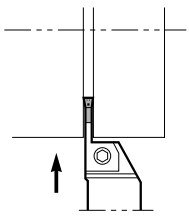
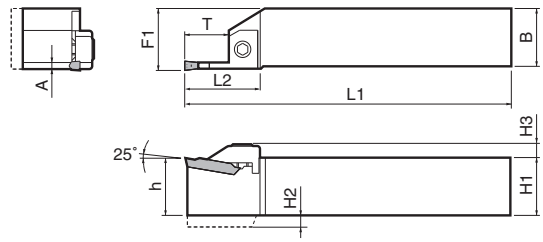
KGA





• Right-hand shown

Toolholder Dimensions

Description		Std. R	Std. L	H1=h	H2	H3	B	L1	L2	F1	A	T	Clamp	Clamp Bolt	Spring	Wrench
KGA R/L	2020K-3	●	●	20	5	6	20	125	37	21.5	2.3	20	CGA-3 R/L	HH6X20	SP-6	LW-5
	2525M-3	●	●	25	-		25	150		26.5						
	2020K-4	●		20	5	6	20	125	37	21.5	3.3	20	CGA-4 R/L			
	2525M-4	●	●	25	-		25	150		26.5						
	2020K-5	●		20	5	6	20	125	42	21.5	4.3	25	CGA-5 R/L			
	2525M-5	●	●	25	-		25	150		26.5						
KGA R/L	2020K-3S	●		20	5	6	20	125	34	21.5	2.3	16	CGA-3 R/L	HH6X20	SP-6	LW-5
	2525M-3S	●	●	25	-		25	150		26.5						
	2020K-4S	●		20	5	6	20	125	34	21.5	3.3	16	CGA-4 R/L			
	2525M-4S	●	●	25	-		25	150		26.5						

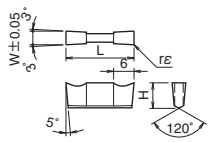
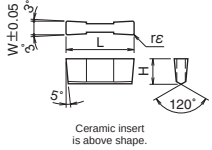
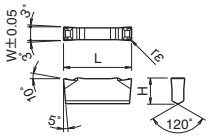
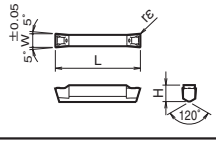
• Dimension T shows available grooving depth.
• Clamp: CGA-○R for Right-hand Toolholder, and CGA-○L for Left-hand Toolholder.

Applicable Inserts

(mm)

Description	L	H
GH4020-○○ ~GH8020-○○	20	7.5
GH10025-05~GH12025-05	25	
GHU ○○○○	20	
GA30, GA40	25	5.0
GA50	30	

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

Insert		Description		Dimension (mm) W	Dimension (mm) rε	Cermet TN60	Cermet TN90	Cermet TC40	Cermet TC60	CVD Coated Carbide CR9025	PVD Coated Carbide PR630	PVD Coated Carbide PR930	Carbide KW10	Ceramic A65	Ceramic A66N	Ceramic PT600M	Applicable Toolholder	Ref. Page for Toolholder
Ground Chipbreaker		GH	4020-02	4.0	0.2		●	●				●	●				KGH R/L...4	G20
			4020-05		0.5		●	●				●	●	●	●	●	KGHS R/L...4	
			4520-02	4.5	0.2			●										
			4520-05		0.5			●										
			5020-02	5.0	0.2		●	●				●	●					
			5020-05		0.5		●	●				●	●	●	●	●		
			5520-02	5.5	0.2			●										
			5520-05		0.5			●									KGH R/L...5	
			6020-02	6.0	0.2		●	●				●	●				KGHS R/L...5	
			6020-05		0.5		●	●				●	●	●		●		
			6520-02	6.5	0.2			●										
			6520-05		0.5			●										
Ceramic			7020-02	7.0	0.2		●	●				●	●					
			7020-05		0.5		●	●				●	●	●		●		
			7520-02	7.5	0.2			●									KGH R/L...7	
			7520-05		0.5			●									KGHS R/L...7	
			8020-02	8.0	0.2		●	●				●	●					
			8020-05		0.5		●	●				●	●					
			10025-05	10.0	0.5							●	●				KGH R/L...10	
			12025-05	12.0	0.5							●	●					
Molded Chipbreaker		GHU	4020	4.0	0.25	●				●							KGH R/L...4 KGHS R/L...4	G20
			5020	5.0	0.30	●				●							KGH R/L...5 KGHS R/L...5	
			6020	6.0	0.30	●				●								
		GA	30	3.0	0.20	●				●							KGA R/L...3	G21
			40	4.0	0.25	●				●							KGA R/L...4	
			50	5.0	0.30	●				●							KGA R/L...5	

For recommended cutting conditions, see page G90~G91

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

Inserts are sold in 10 piece boxes.