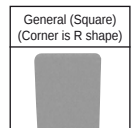
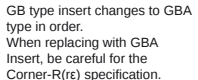


Applicable Inserts

	(mm)	
Description	A	T
GB32_	9.525	3.18
GB43_	12.70	4.76
GB43% 480	12.70	5.00

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)			Cermet		PVD Coated Carbide		Carbide	Diamond	Applicable Toolholder	Ref. Page for Toolholder
			W	B	C or rε	TC40	TC60	PR630	PR930	KW10	KPD001		
Right-hand Shown													
General (Square) (Corner is C shape) GB32 type  General (Square) (Corner is R shape) GB43 type  	GB32^{R/L} 050 * 075 095 100 125 145 150 200 250	0.50	1.0	C0.05			R					KGB^{R/L} ...22-16 KGBS^{R/L} ...22-16	G11
		0.75	2.0	C0.10			R						
		0.95					R						
		1.00					R						
		1.25					R						
		1.45					R						
		1.50					R						
		2.50			2.5			R					
	GB43^{R/L} 125 125 145 150 150 175 185 200 200 230 250 250 265 280 300 300 330 350 350 400 400 430 450 480 <td>1.25</td> <td>2.0</td> <td>0.1</td> <td></td> <td></td> <td>R</td> <td></td> <td></td> <td></td> <td></td> <td rowspan="8">KGB^{R/L} ...22-15 KGBS^{R/L} ...22-15</td>	1.25	2.0	0.1			R					KGB^{R/L} ...22-15 KGBS^{R/L} ...22-15	
		1.25	2.0	0.2			R						
		1.45	3.5	0.2			R						
		1.50		0.1									
		1.50		0.2			R						
		1.75		0.2			R						
		1.85	0.2			R							
		2.00	0.1										
		2.00	0.2			R							
		2.30	0.2			R							
		4.0	0.1										
			0.3			R							
			0.3			R							
			0.3			R							
			0.1										
			0.3										
			0.3			R							
			0.3			R							
		5.0	0.1										
			0.3										
	0.1												
	0.4				R								
	0.4				R								
	0.4				R								
0.4				R									
0.4				R									
GB43^{R/L} 125 150 200 250 300 <td>1.25</td> <td>2.0</td> <td rowspan="4">0.1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td rowspan="4">KGB^{R/L} ...22-15 KGBS^{R/L} ...22-15</td>	1.25	2.0	0.1								KGB^{R/L} ...22-15 KGBS^{R/L} ...22-15		
	1.50	3.5											
	2.00												
	2.50	4.0											KGB^{R/L} ...22-25 KGBS^{R/L} ...22-25
	3.00												
GB43^{R/L} 050R 075R 100R 125R 150R 200R <td>1.00</td> <td>2.0</td> <td>0.50</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td rowspan="3">KGB^{R/L} ...22-15 KGBS^{R/L} ...22-15</td>	1.00	2.0	0.50								KGB^{R/L} ...22-15 KGBS^{R/L} ...22-15		
	1.50	3.5	0.75										
	2.00		1.00										
	2.50	4.0	1.25								KGB^{R/L} ...22-25 KGBS^{R/L} ...22-25		
	3.00		1.50										
	4.00	5.0	2.00								KGB^{R/L} ...22-35 KGBS^{R/L} ...22-35		

- Dimension B shows available grooving depth.

The edge width tolerance of GB32^B/050 is different. $0.50^{+0.05}_{-0}$ (*)

* Material selection standard when changing to GBA.

GB Insert	GBA Insert
TC40	TC40
TC60	TN90
PR630	PR1115 (PR630)
PR930	PR1115 (PR930)
KPD010	KPD001 (KPD010)

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

For recommended cutting conditions, see page **G72**

● : Std. Item ○ : Check Availability

R : Std. Item (R-hand Only) L : Std. Item (L-hand Only)

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

CBN & PCD Inserts are sold
in 1 piece boxes. **Купите**

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