

Applicable Inserts

Description	Dimension (mm)		C or rε	TC40	TC60	PR630	PR930	KW10	KPD001	KPD010	Applicable Toolholder	Ref. Page for Toolholder
	A	T										
GB32	9.525	3.18										
GB43	12.70	4.76										
GB43^{R/L}480	12.70	5.00										

Insert	Description	Dimension (mm)			C or rε	TC40	TC60	PR630	PR930	KW10	KPD001	KPD010	Applicable Toolholder	Ref. Page for Toolholder	
		W	B												
<p>General (Square) (Corner is C shaped)</p> <p>GB32 type</p>	GB32^{R/L} 050 *	0.50	1.0	C0.05											
	075	0.75													
	095	0.95													
	100	1.00													
	125	1.25	2.0	C0.10									KGB^{R/L}	...16	
	145	1.45													
	150	1.50													
	200	2.00	2.5												
	250	2.50													
	<p>General (Square) (Corner is R shape)</p> <p>GB43 type</p>	GB43^{R/L} 125	1.25	2.0	0.1										
125				0.2											
145		1.45	2.0	0.2											
150		1.50		0.1											
150				0.2											
175		1.75		0.2											
185		1.85	3.5	0.2											
200		2.00		0.1											
200				0.2											
230		2.30		0.2											
250		2.50		0.1											
250				0.3											
265		2.65	4.0	0.3											
280		2.80		0.3											
300		3.00		0.1											
300				0.3											
330	3.30		0.3												
350	3.50		0.1												
350			0.3												
400	4.00	5.0	0.1												
400			0.4												
430	4.30		0.4												
450	4.50		0.4												
480	4.80		0.4												
<p>1-Edge</p>	GB43^{R/L} 125	1.25	2.0	0.1											
	150	1.50	3.5												
	200	2.00													
	250	2.50	4.0												
	300	3.00													
<p>Full-R</p>	GB43^{R/L} 050R	1.00	2.0	0.50											
	075R	1.50	3.5	0.75											
	100R	2.00		1.00											
	125R	2.50	4.0	1.25											
	150R	3.00		1.50											
	200R	4.00	5.0	2.00											

* Dimension B shows available grooving depth.

The edge width tolerance of GB32^{R/L}050 is different.0.50^{+0.05} (*)

* Material selection standard when changing to GBA.

GB Insert	GBA Insert
TC40	TC40
TC60	TN90
PR630	PR1215/PR1115
PR930	PR1215/PR1115
KPD010	KPD001 (KPD010)

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

For recommended cutting conditions, see page **G89**

Inserts are sold in 10 piece boxes.

CBN & PCD Inserts are sold in 1 piece boxes.

☐ : Check Availability