

# Applicable Inserts

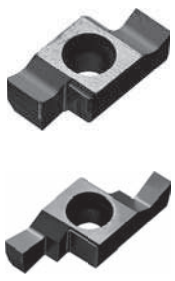
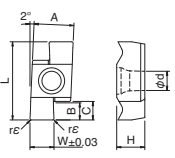

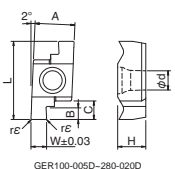
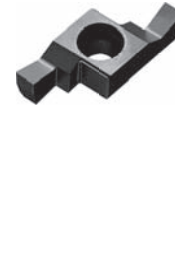
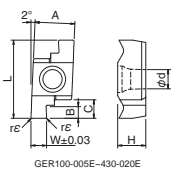
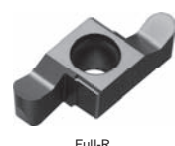
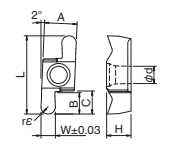
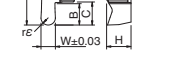
Description	A	L	H	ød
GE <sup>R/L</sup> ...-C	5.8	11.48	4.05	2.8
GER...-CR				
GE <sup>R/L</sup> ...-D	6.8	16.44	5.05	3.4
GER...-DR				
GE <sup>R/L</sup> ...-E	9.54	21.66	5.55	4.4

(mm)

	P	M	K	N	S	H
Carbon Steel / Alloy Steel	●					
Stainless Steel		●				
Cast Iron			☺			
Non-ferrous Metals				●		
Titanium Alloy				●		
Hard materials (under 40HRC)					●	
Hard materials (over 40HRC)						●

Classification of usage

- : Light Interruption / 1st Choice
- ☺ : Light Interruption / 2nd Choice
- : Continuous / 1st Choice
- : Continuous / 2nd Choice

Insert R-hand shown	Description	Dimension (mm)				Cermert		PVD Coated Carbide		Carbide		Applicable Toolholder	Ref. Page for Toolholder	
		W	B	C	rε	TN6020		PR1025		GW15				KW10
						R	L	R	L	R	L			
 2-Edge	 GE <sup>R/L</sup> 100-005C GER...-CR	1.00	2.5	2.7	0.05	●	●	●	●	●		SIGE <sup>R/L</sup> ...C-EH SIGE <sup>R/L</sup> ...C-WH SIGER...C-WH-90	G48 G49 G50	
		1.20				●	●	●	●					
		1.25				●	●	●	●					
		1.40				●	●	●	●					
		1.45				●	●	●	●					
		1.50				●	●	●	●					
		1.70				●	●	●	●					
		1.85				●	●	●	●					
		1.95				●	●	●	●					
		2.00				●	●	●	●					
		2.50				●	●	●	●					
		3.00				●	●	●	●					
3.50	●	●	●	●										
 2-Edge	 GE <sup>R/L</sup> 100-005D GER100-005D-280-020D	1.00	2.5	3.0	0.05	●	●	●	●		SIGE <sup>R/L</sup> ...D-EH			
		1.40				●	●	●	●					
		1.45				●	●	●	●					
		1.50				●	●	●	●					
		1.70				●	●	●	●					
		1.85				●	●	●	●					
		1.95				●	●	●	●					
		2.00				●	●	●	●					
		2.25				●	●	●	●					
		2.30				●	●	●	●					
		2.50				●	●	●	●					
		2.75				●	●	●	●					
2.80	●	●	●	●										
3.00	●	●	●	●										
3.30	●	●	●	●										
3.50	●	●	●	●										
4.00	●	●	●	●										
 2-Edge	 GE <sup>R/L</sup> 100-005E GER100-005E-430-020E	1.00	3.0	3.2	0.05	●	●	●	●		SIGE <sup>R/L</sup> ...E-EH	G48		
		1.50				●	●	●	●					
		1.70				●	●	●	●					
		1.85				●	●	●	●					
		1.95				●	●	●	●					
		2.00				●	●	●	●					
		2.25				●	●	●	●					
		2.30				●	●	●	●					
		2.50				●	●	●	●					
		2.75				●	●	●	●					
		2.80				●	●	●	●					
		3.00				●	●	●	●					
3.30	●	●	●	●										
3.50	●	●	●	●										
4.00	●	●	●	●										
4.30	●	●	●	●										
4.50	●	●	●	●										
4.60	●	●	●	●										
5.00	●	●	●	●										
 Full-R	 GER 200-100CR	2.00	2.5	2.7	1.0	●	●				SIGER...C-EH SIGER...C-WH SIGER...C-WH-90	G48 G49 G50		
		2.50			1.25	●	●							
		3.00			1.5	●	●							
	 GER 200-100DR	2.00	3.2	4.8	1.0	●	●				SIGER...D-EH	G48		
		3.00			1.5	●	●							
		3.00			4.5	●	●							

• Dimension B: shows available grooving depth.

For recommended cutting conditions, see page G51

● : Std. Item   □ : Check Availability

Inserts are sold in 10 piece boxes.

