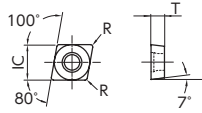


Item Number	IC	T	Relief angle
CC_0602	6.35	2.38	7°
CC_09T3	9.525	3.97	7°

### <80 degree Rhombic Positive type>



Material	P	M	K	N	S	H
Steel	●	●	●	●	●	●
Stainless Steel	●	●	●	●	●	●
Cast Iron	●	●	●	●	●	●
Non-Ferrous Material	●	●	●	●	●	●
Heat Resistant Alloy	●	●	●	●	●	●
Hardened Material	●	●	●	●	●	●

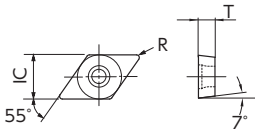
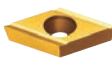
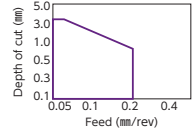
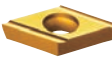
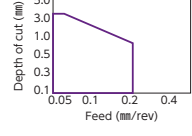
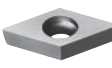

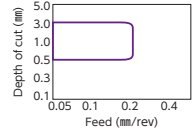
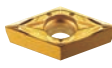
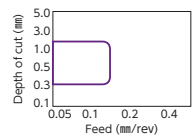
● : 1st Choice  
● : 2nd choice

Shape	ISO Item Number	Inch Item Number	R	Carbide										Chip Control Range	For applicable holder, see pages:	
				PVD Coated						CVD Coated						
				ST4	ZM3	QM3	VM1	TM4	DT4	DM4	CP1	CP7	KM1			
	CCGT 060200	R/4 S	0.03	●	●	●	●	●	●	●	●	●	●	●		
	060201	R/4 S	0.1	●	●	●	●	●	●	●	●	●	●	●		
	060202	R/4 S	0.2	●	●	●	●	●	●	●	●	●	●	●		
	060201M	R/4 S	*0.08		R			R								
	060202M	R/4 S	*0.18		R			R								
	CCGT 09T300	R/4 S	0.03	R	●		R	R								
	09T301	R/4 S	0.1	●	R	●										
	09T302	R/4 S	0.2	R	R	●										
	09T304	R/4 S	0.4	R												
	09T301M	R/4 S	*0.08		R		R	R								
09T302M	R/4 S	*0.18		R		R	R									
09T304M	R/4 S	*0.38		R		R	R									
	CCGT 060200	R/4 U	0.03		R				R							
	060201	R/4 U	0.1	●					R							
	060202	R/4 U	0.2	●					R							
	CCGT 09T300	R/4 U1	0.03	●				R	R							
	09T301	R/4 U1	0.1	●				R	R							
	09T302	R/4 U1	0.2	●				R	R							
09T304	R/4 U1	0.4	●				R	R								
	CCGT 060201M	CL	*0.08	●		●	●	●	●	●					G23 K28	
	060202M	CL	*0.18	●		●	●	●	●	●						
	09T300	CL	0.03					●	●							
	09T301M	CL	*0.08	●		●	●	●	●	●						
	09T302M	CL	*0.18	●		●	●	●	●	●						
09T304M	CL	*0.38	●		●	●	●	●	●							
	CCGT 09T300	YL	0.03					●	●							
	09T301M	YL	0.08	●		●	●	●	●	●						
	09T302M	YL	0.18	●		●	●	●	●	●						
	09T304M	YL	0.38	●		●	●	●	●	●						
	09T308M	YL	0.78	●		●	●	●	●	●						
	CCGW 060200	FN	0.03	●												
	060201	FN	0.1	●												
	060200	H (M)	0.03									●				
	060201	H (M)	0.1									●				
	060202	H (M)	0.2									●				
	CCGW 09T300	FN	0.03	●												
	09T301	FN	0.1	●												
	09T300	H (M)	0.03									●				
	09T301	H (M)	0.1									●				
	09T302	H (M)	0.2									●				
	09T302M	P (M)	*0.18							●						
	09T30	V (M)	0.0					●								
09T301	P (M)	0.1					●									
09T302	P (M)	0.2					●									

\* Inserts having 01M, 02M or 04M as the R code can be used for machining when the component drawing specifies that the radius is less than R=0.1, R=0.2 or R=0.4 respectively.  
 ● : Standard stock    ● : New standard stock    ■ : Scheduled to be produced by order    ★ : Standard stock (Specified)  
 ※2 The specifications of CL chipbreaker are slightly different from the above dimensions, but it has no problem for machining.

## <55 degree Rhombic Positive type>

Item Number	IC	T	Relief angle
DC_0702	6.35	2.38	7°
DC_11T3	9.525	3.97	7°

Shape	ISO Item Number	Inch Item Number	R	Carbide											Chip Control Range	For applicable holder, see pages:			
				PVD Coated						CVD Coated									
				ST4	ZM3	QM3	VM1	TM4	DT4	DM4	CP1	CP7	KM1						
				Steel	P	●	●	●	●	●	●	●	●	●	●	●	●	●	● : 1st Choice ● : 2nd choice
Stainless Steel	M	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			
Cast Iron	K	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
Non-Ferrous Material	N	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
Heat Resistant Alloy	S	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
Hardened Material	H	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
 S R-hand shown	DCGT 070200	R/4 S	0.03	●	●	●	●	●	●	●	●	●	●	●	●	●			
	070201	R/4 S	0.1	●	●	●	●	●	●	●	●	●	●	●	●	●			
	070202	R/4 S	0.2	●	●	●	●	●	●	●	●	●	●	●	●	●			
	070204	R/4 S	0.4	●	●	●	●	●	●	●	●	●	●	●	●	●			
	070201M	R/4 S	*0.08	●	●	●	●	●	●	●	●	●	●	●	●	●			
	070202M	R/4 S	*0.18	●	●	●	●	●	●	●	●	●	●	●	●	●			
	DCGT 11T300	R/4 S	0.03	●	●	●	●	●	●	●	●	●	●	●	●	●			
	11T301	R/4 S	0.1	●	●	●	●	●	●	●	●	●	●	●	●	●			
	11T302	R/4 S	0.2	●	●	●	●	●	●	●	●	●	●	●	●	●			
	11T304	R/4 S	0.4	●	●	●	●	●	●	●	●	●	●	●	●	●			
 U · U1 R-hand shown	DCGT 070200	R/4 U	0.03	●	●	●	●	●	●	●	●	●	●	●	●	●			
	070201	R/4 U	0.1	●	●	●	●	●	●	●	●	●	●	●	●	●			
	070202	R/4 U	0.2	●	●	●	●	●	●	●	●	●	●	●	●	●			
	DCGT 11T300	R/4 U1	0.03	●	●	●	●	●	●	●	●	●	●	●	●	●			
	11T301	R/4 U1	0.1	●	●	●	●	●	●	●	●	●	●	●	●	●			
	11T302	R/4 U1	0.2	●	●	●	●	●	●	●	●	●	●	●	●	●			
 without chipbreaker	DCGW 070200	FN	0.03	●	●	●	●	●	●	●	●	●	●	●	●	●	—		
	070201	FN	0.1	●	●	●	●	●	●	●	●	●	●	●	●	●			
	070200	H (M)	0.03	●	●	●	●	●	●	●	●	●	●	●	●	●			
	070201	H (M)	0.1	●	●	●	●	●	●	●	●	●	●	●	●	●			
	070202	H (M)	0.2	●	●	●	●	●	●	●	●	●	●	●	●	●			
	07020	V (M)	0.0	●	●	●	●	●	●	●	●	●	●	●	●	●			
	DCGW 11T300	FN	0.03	●	●	●	●	●	●	●	●	●	●	●	●	●			
	11T301	FN	0.1	●	●	●	●	●	●	●	●	●	●	●	●	●			
	11T300	H (M)	0.03	●	●	●	●	●	●	●	●	●	●	●	●	●			
	11T301	H (M)	0.1	●	●	●	●	●	●	●	●	●	●	●	●	●			
 CL *2	DCGT 070201M	CL	*0.08	●	●	●	●	●	●	●	●	●	●	●	●	●			
	070202M	CL	*0.18	●	●	●	●	●	●	●	●	●	●	●	●	●			
	070204M	CL	*0.38	●	●	●	●	●	●	●	●	●	●	●	●	●			
	DCGT 11T301M	CL	*0.08	●	●	●	●	●	●	●	●	●	●	●	●	●			
	11T302M	CL	*0.18	●	●	●	●	●	●	●	●	●	●	●	●	●			
	11T304M	CL	*0.38	●	●	●	●	●	●	●	●	●	●	●	●	●			
 YL	DCGT 070201M	YL	0.08	●	●	●	●	●	●	●	●	●	●	●	●	●			
	070202M	YL	0.18	●	●	●	●	●	●	●	●	●	●	●	●	●			
	070204M	YL	0.38	●	●	●	●	●	●	●	●	●	●	●	●	●			
	DCGT 11T300	YL	0.03	●	●	●	●	●	●	●	●	●	●	●	●	●			
	11T301M	YL	0.08	●	●	●	●	●	●	●	●	●	●	●	●	●			
	11T302M	YL	0.18	●	●	●	●	●	●	●	●	●	●	●	●	●			
	11T304M	YL	0.38	●	●	●	●	●	●	●	●	●	●	●	●	●			
	11T308M	YL	0.78	●	●	●	●	●	●	●	●	●	●	●	●	●			

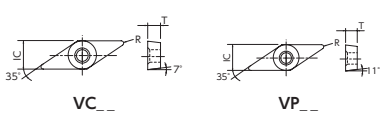


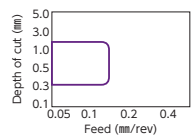

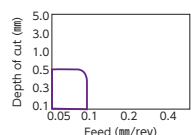

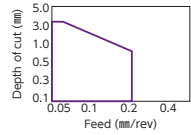

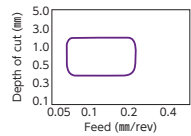
\* Inserts having 01M, 02M or 04M as the R code can be used for machining when the component drawing specifies that the radius is less than R=0.1, R=0.2 or R=0.4 respectively.  
 \*2 The specifications of CL chipbreaker are slightly different from the above dimensions, but it has no problem for machining.

● : Standard stock   ● : New standard stock   ■ : Scheduled to be produced by order   ★ : Standard stock (Specified)

### <35 degree Rhombic Positive type>

Item Number	IC	T	Relief angle
VC_1102	6.35	2.38	7°
VC_1103	6.35	3.18	7°

Item Number	IC	T	Relief angle
VP_0802	4.76	2.38	11°
VP_1103	6.35	3.18	11°

Shape	ISO Item Number	Inch Item Number	R	Carbide										Chip Control Range	For applicable holder, see pages:	
				PVD Coated						CVD Coated						
				ST4	ZM3	QM3	VM1	TM4	DT4	DM4	CP1	CP7	KM1			
 VC_1102 VC_1103																
	 CL ※2	VCGT 110202M CL		*0.18			●		●	●	●					
		VCGT 110301M CL		*0.08	●		●		●	●	●					
	110302M CL		*0.18	●		●		●	●	●						
 YL	VCGT 110301M YL		0.08	●		●		●	●	●						 G29 G31 G56
	110302M YL		0.18	●		●		●	●	●						
	110304M YL		0.38	●		●		●	●	●						
 KHG R-hand shown	VPET 0802005 $\frac{R}{L}$ KHG		0.05				●	R								 G33
	0802008 $\frac{R}{L}$ KHG		0.08				●	R	R							
	0802018 $\frac{R}{L}$ KHG		0.18				●	R								
	080202 $\frac{R}{L}$ KHG		0.2				●	R								
	VPET 1103005 $\frac{R}{L}$ KHG		0.05				●	R								
	1103008 $\frac{R}{L}$ KHG		0.08				●	R								
	1103018 $\frac{R}{L}$ KHG		0.18				●	R								
110302 $\frac{R}{L}$ KHG		0.2				●	R									
 UHG R-hand shown	VPET 0802008 $\frac{R}{L}$ UHG		0.08						●							 G33
 AM3	VPGT 110300 FN AM3		0.03						●	●						 G33
	110301M FN AM3		*0.08	●		●		●	●	●						
	110302M FN AM3		*0.18	●		●		●	●	●						

\* Inserts having 01M, 02M or 04M as the R code can be used for machining when the component drawing specifies that the radius is less than R=0.1, R=0.2 or R=0.4 respectively.  
 ※2 The specifications of CL chipbreaker are slightly different from the above dimensions, but it has no problem for machining.

● : Standard stock   ● : New standard stock   ■ : Scheduled to be produced by order   ★ : Standard stock (Specified)