

Positive General Inserts

- Special for roughing-finishing geometry can ensure the cutting fluid, small chip resistance.
- Including KM series and MM series, widely used in mould, car and machine industry.
- KM series suitable for stable roughing, cast iron semi-finishing and roughing, MM series suitable for stable finishing, stainless semi-finishing and finishing.

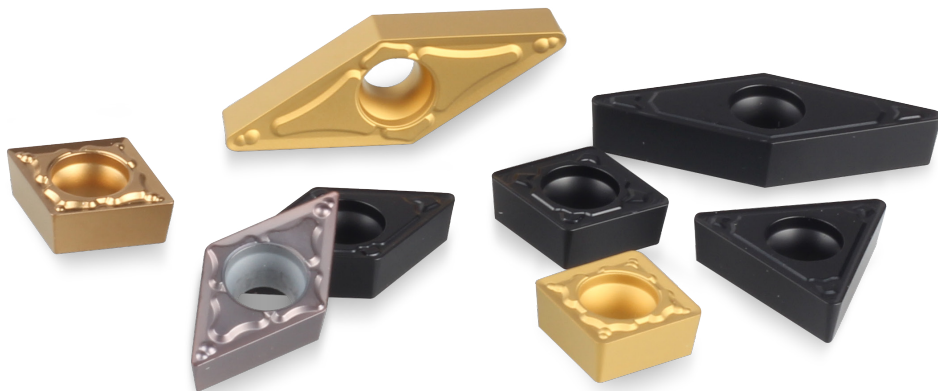
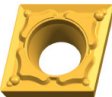
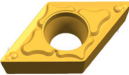










Table For New Products

Turning Inserts

Geometry	Cutting Range	80° Rhombic Type	55 °Rhombic Type	Square Type	Triangular Type	35 ° Rhombic Type
MM	Finishing and semi-finishing of steel & Stainless steel					
		CCMT-MM	DCMT-MM	SCMT-MM	TPMT-MM	VBMT-MM
KM	Semi-finishing and Roughing of steel & cast iron					
		CCMT-KM	DCMT-KM	SCMT-KM	TCMT-KM	VBMT/VCMT-KM

CCMT

Rhombic 80° with Hole

● Continuous ◐ Light Interruption ✖ Interruption

	Workpiece material	P Steel	●	●	●			
		M Stainless Steel				●	●	●
		K Cast Iron						
		N Non-ferrous Metal						
		S Heat-resistant Alloy, Ti Alloy						
		H High Hardness Material						

Purpose	Appearance	Insert Type	Dimension					Grade					
			L	D	S	d1	R	A1115	A1225	P91TF	S3115	M1125	M3225
Finishing		CCMT060202-MM	6.5	6.35	2.38	2.8	0.2	●	●	●	●	●	●
		CCMT060204-MM	6.5	6.35	2.38	2.8	0.4	●	●	●	●	●	●
		CCMT09T302-MM	9.7	9.525	3.97	4.4	0.2	●	●	●	○	●	●
		CCMT09T304-MM	9.7	9.525	3.97	4.4	0.4	●	●	●	●	●	●
		CCMT09T308-MM	9.7	9.525	3.97	4.4	0.8	●	●	●	●	●	●

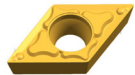
● Stock ○ Available upon order

DCMT

Rhombic 55°with Hole

● Continuous ● Light Interruption ✖ Interruption

	Workpiece material	P Steel	●	●	●			
		M Stainless Steel				●	●	●
		K Cast Iron						
		N Non-ferrous Metal						
		S Heat-resistant Alloy, Ti Alloy						
		H High Hardness Material						

Purpose	Appearance	Insert Type	Dimension					Grade					
			L	D	S	d1	R	A1115	A1225	P91TF	S3115	M1125	M3225
Finishing		DCMT070202-MM	7.8	6.35	2.38	2.8	0.2	●	●	●	●	●	○
		DCMT070204-MM	7.8	6.35	2.38	2.8	0.4	●	●	●	●	●	○
		DCMT11T302-MM	11.6	9.525	3.97	4.4	0.2	●	●	○	●	●	○
		DCMT11T304-MM	11.6	9.525	3.97	4.4	0.4	●	●	●	●	●	○
		DCMT11T304-MM	11.6	9.525	3.97	4.4	0.8	●	●	●	●	●	○

● Stock ○ Available upon order

SCMT

Square 90° with Hole

Continuous
 Light Interruption
 Interruption

	Workpiece material	P Steel	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		M Stainless Steel	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
		K Cast Iron	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		N Non-ferrous Metal	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		S Heat-resistant Alloy, Ti Alloy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		H High Hardness Material	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Purpose	Appearance	Insert Type	Dimension					Grade					
			L	D	S	d1	R	A1115	A1225	P91TF	S3115	M1125	M3225
Finishing		SCMT09T308-MM	9.7	9.525	3.97	4.4	0.8	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Stock
 Available upon order

TCMT

Triangle 60° with Hole

● Continuous ● Light Interruption ✖ Interruption

	Workpiece material	P Steel	●	●	●			
		M Stainless Steel				●	●	●
		K Cast Iron						
		N Non-ferrous Metal						
		S Heat-resistant Alloy, Ti Alloy						
		H High Hardness Material						

Purpose	Appearance	Insert Type	Dimension					Grade					
			L	D	S	d1	R	A1115	A1225	P91TF	S3115	M1125	M3225
Finishing		TPMT110202-MM	11	6.35	2.38	2.8	0.2	●	○	●	○	●	●
		TPMT110204-MM	11	6.35	2.38	2.8	0.4	●	○	●	○	●	●


● Stock ○ Available upon order

VBMT

Rhombic 35° with Hole

● Continuous
 ◐ Light Interruption
 ✖ Interruption

	Workpiece material	P	Steel	●	●	●							
		M	Stainless Steel					●	●	●			
		K	Cast Iron										
		N	Non-ferrous Metal										
		S	Heat-resistant Alloy, Ti Alloy										
		H	High Hardness Material										

Purpose	Appearance	Insert Type	Dimension					Grade					
			L	D	S	d1	R	A1115	A1225	P91TF	S3115	M1125	M3225
Finishing		VBMT110304-MM	11.2	6.35	3.18	2.8	0.4	●	●	●	○	●	○
		VBMT160404-MM	16.6	9.525	4.76	4.4	0.4	●	●	●	○	●	○
		VBMT160408-MM	16.6	9.525	4.76	4.4	0.8	●	●	●	○	●	○

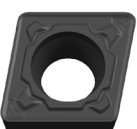
● Stock
 ○ Available upon order

CCMT

Rhombic 80° with Hole

● Continuous ● Light Interruption ❖ Interruption

	Workpiece material	P Steel	●	
		M Stainless Steel		
		K Cast Iron		●
		N Non-ferrous Metal		
		S Heat-resistant Alloy, Ti Alloy		
		H High Hardness Material		

Appearance	Insert Type	Dimension					Grade	
		L	D	S	d1	R	A1225	GK1115
	CCMT09T304-KM	9.7	9.525	3.97	4.4	0.4	●	●
	CCMT09T308-KM	9.7	9.525	3.97	4.4	0.8	●	●
	CCMT120408-KM	12.9	12.7	4.76	5.56	0.8	●	●
	CCMT120412-KM	12.9	12.7	4.76	5.56	1.2	●	●

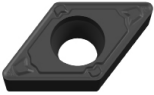
● Stock ○ Available upon order

DCMT

Rhombic 55° with Hole

● Continuous ● Light Interruption ❖ Interruption

	Workpiece material	P	Steel	●	
		M	Stainless Steel		
		K	Cast Iron		●
		N	Non-ferrous Metal		
		S	Heat-resistant Alloy, Ti Alloy		
		H	High Hardness Material		

Appearance	Insert Type	Dimension					Grade	
		L	D	S	d1	R	A1225	GK1115
	DCMT11T304-KM	11.6	9.525	3.97	4.4	0.4	●	●
	DCMT11T308-KM	11.6	9.525	3.97	4.4	0.8	●	●

● Stock ○ Available upon order

SCMT

Square 90° with Hole

● Continuous ● Light Interruption ✖ Interruption

	Workpiece material	P Steel	●	
		M Stainless Steel		
		K Cast Iron		●
		N Non-ferrous Metal		
		S Heat-resistant Alloy, Ti Alloy		
		H High Hardness Material		

Appearance	Insert Type	Dimension					Grade	
		L	D	S	d1	R	A1225	GK1115
	SCMT09T308-KM	9.525	9.525	3.97	4.4	0.8	●	●
	SCMT120408-KM	12.7	12.7	4.76	5.56	0.8	●	●

● Stock ○ Available upon order

TCMT

Triangle 60° with Hole

● Continuous
 ◐ Light Interruption
 ✦ Interruption

	Workpiece material	P	Steel	◐	
		M	Stainless Steel		
		K	Cast Iron		◐
		N	Non-ferrous Metal		
		S	Heat-resistant Alloy, Ti Alloy		
		H	High Hardness Material		

Appearance	Insert Type	Dimension					Grade	
		L	D	S	d1	R	A1225	GK1115
	TCMT110204-KM	11	6.35	2.38	2.8	0.4	●	●
	TCMT16T304-KM	16.5	9.525	3.97	4.4	0.4	●	●
	TCMT16T308-KM	16.5	9.525	3.97	4.4	0.8	●	●


● Stock
 ○ Available upon order

VBMT

Rhombic 35° with Hole

● Continuous ● Light Interruption ✖ Interruption

	Workpiece material	P Steel	●	
		M Stainless Steel		
		K Cast Iron		●
		N Non-ferrous Metal		
		S Heat-resistant Alloy, Ti Alloy		
		H High Hardness Material		

Appearance	Insert Type	Dimension					Grade	
		L	D	S	d1	R	A1225	GK1115
	VBMT160408-KM	16.6	9.525	4.76	4.4	0.8	●	●

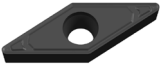
● Stock ○ Available upon order

VCMT

Rhombic 35° with Hole

Continuous
 Light Interruption
 Interruption

	Workpiece material	P Steel	<input checked="" type="radio"/>	
		M Stainless Steel		
		K Cast Iron		<input checked="" type="radio"/>
		N Non-ferrous Metal		
		S Heat-resistant Alloy, Ti Alloy		
		H High Hardness Material		

Appearance	Insert Type	Dimension					Grade	
		L	D	S	d1	R	A1225	GK1115
	VCMT160404-KM	16.6	9.525	4.76	4.4	0.4	<input checked="" type="radio"/>	<input checked="" type="radio"/>
	VCMT160408-KM	16.6	9.525	4.76	4.4	0.8	<input checked="" type="radio"/>	<input checked="" type="radio"/>

Stock
 Available upon order