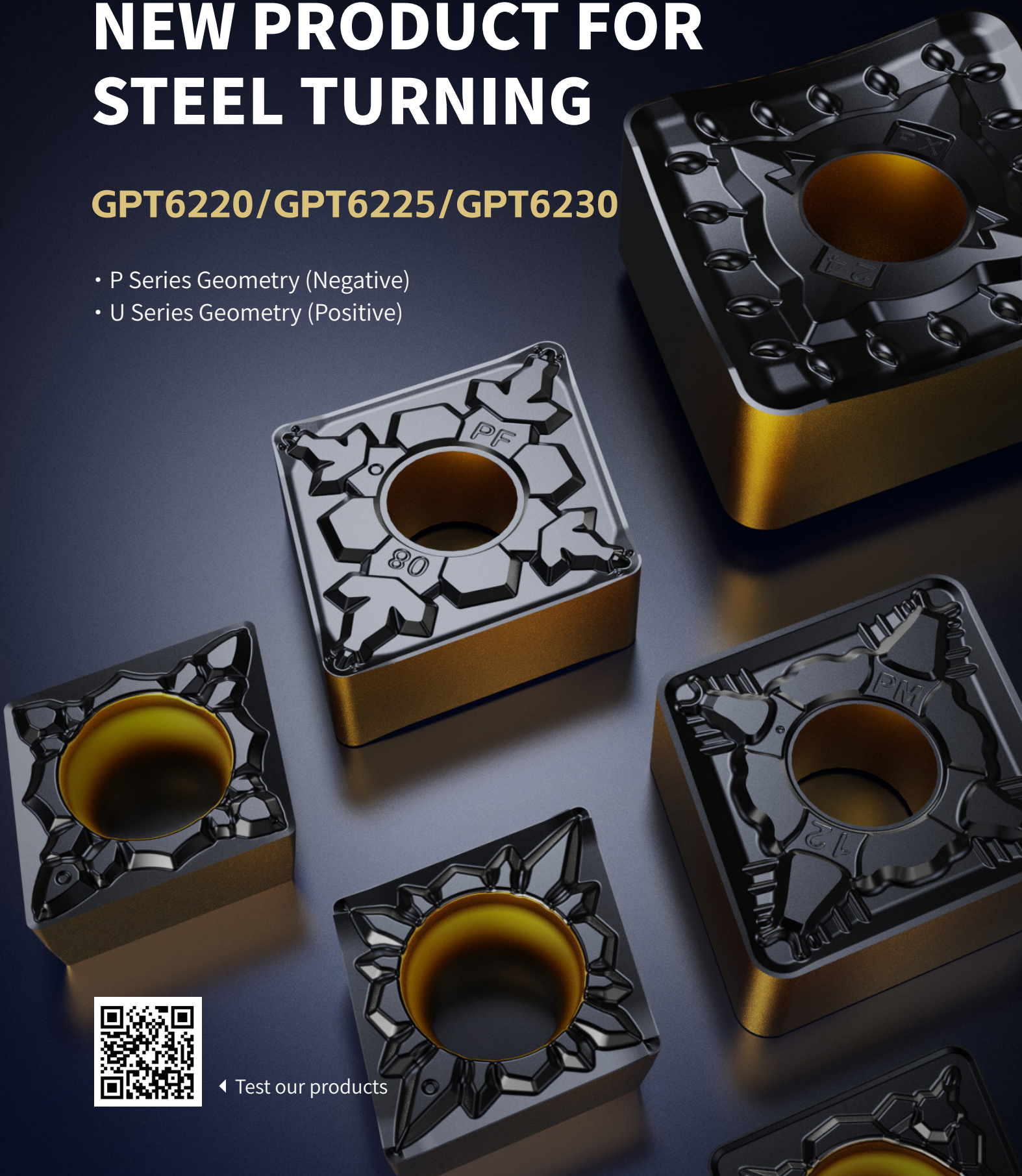




NEW PRODUCT FOR STEEL TURNING

GPT6220/GPT6225/GPT6230

- P Series Geometry (Negative)
- U Series Geometry (Positive)

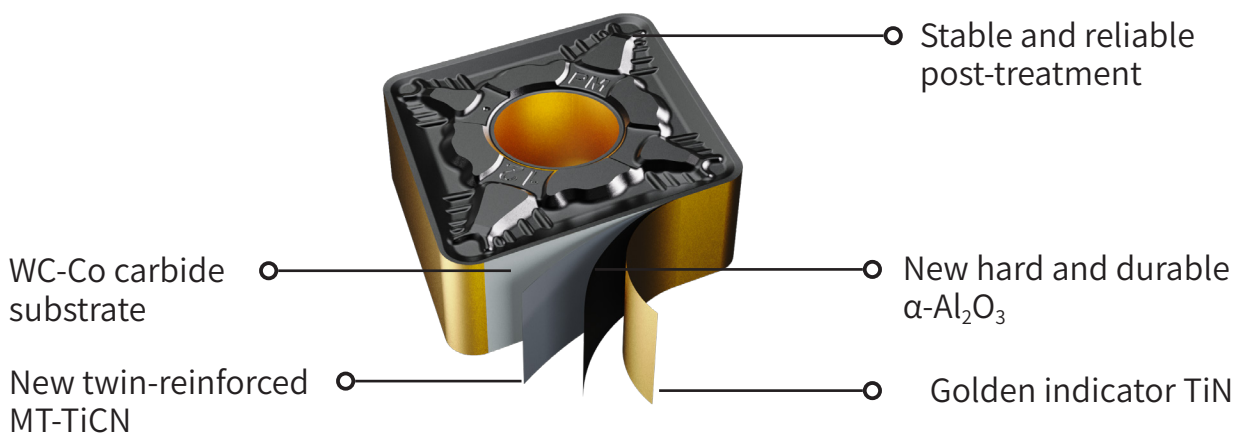


◀ Test our products

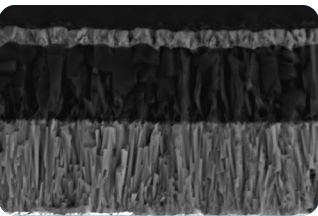
New Product for Steel Turning

GPT6220/GPT6225/GPT6230

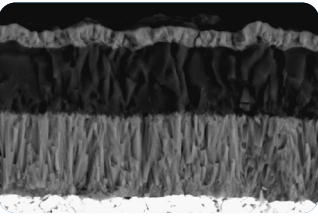
NEW



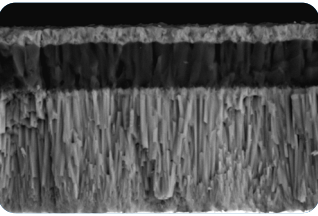
GEFOTECH Coating Structure



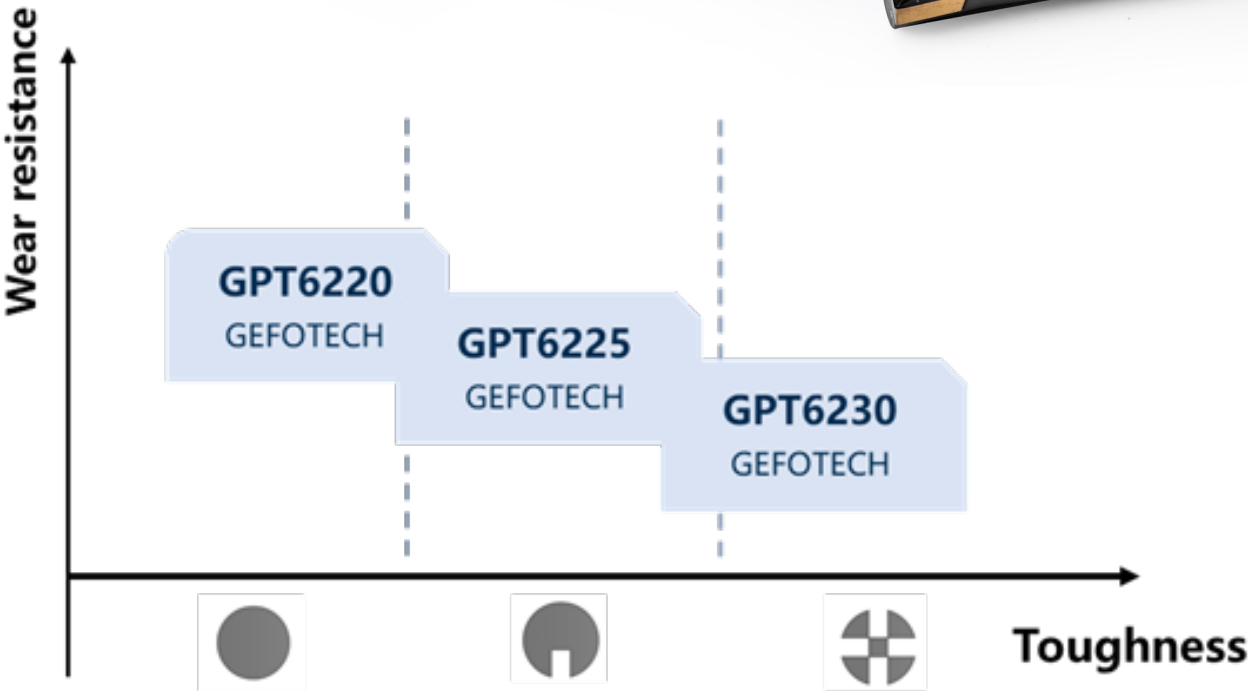
1 GPT6220
New hard and durable CVD coating with exceptional adhesion matched high hard cemented carbide substrate



2 GPT6225
New dense and reliable CVD coating matched tough-reinforced cemented carbide substrate



3 GPT6230
New twin-reinforced tough CVD coating matched superior tough cemented carbide substrate

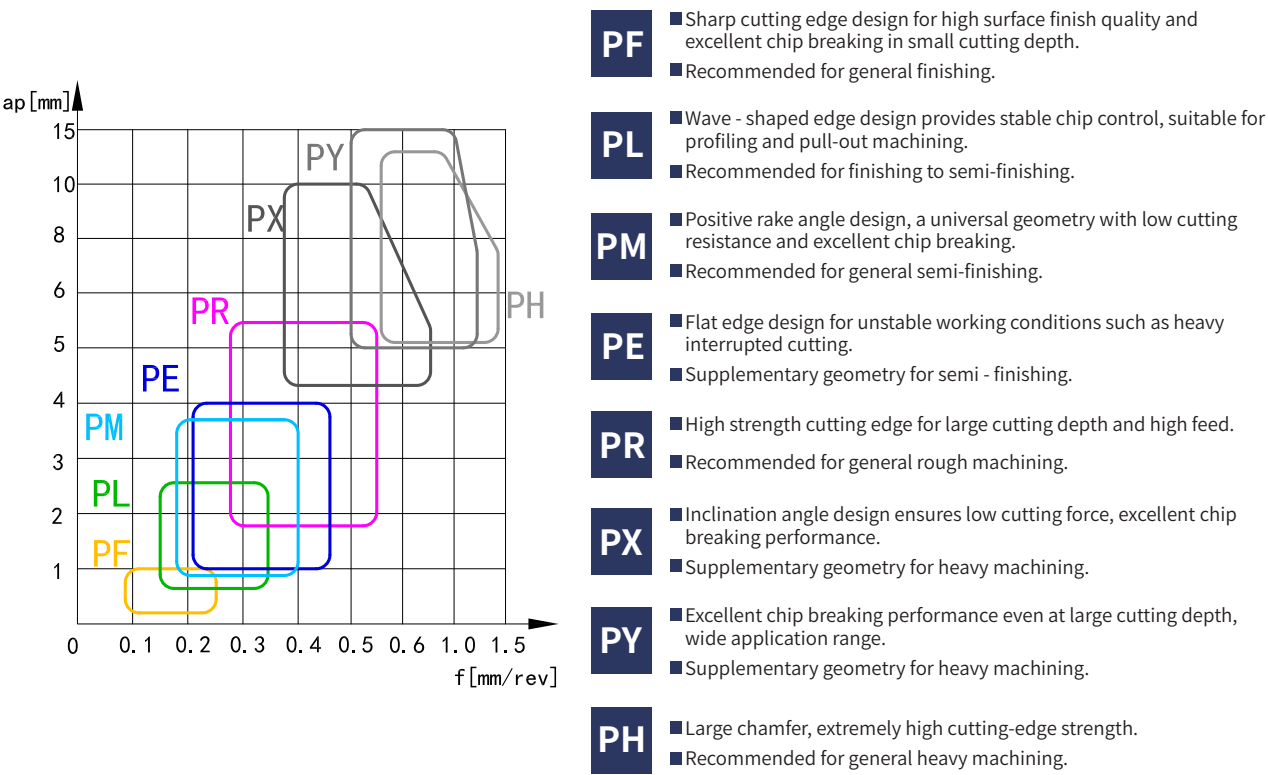


New Product for Steel Turning

P Series Geometry (Negative) | U Series Geometry (Positive)

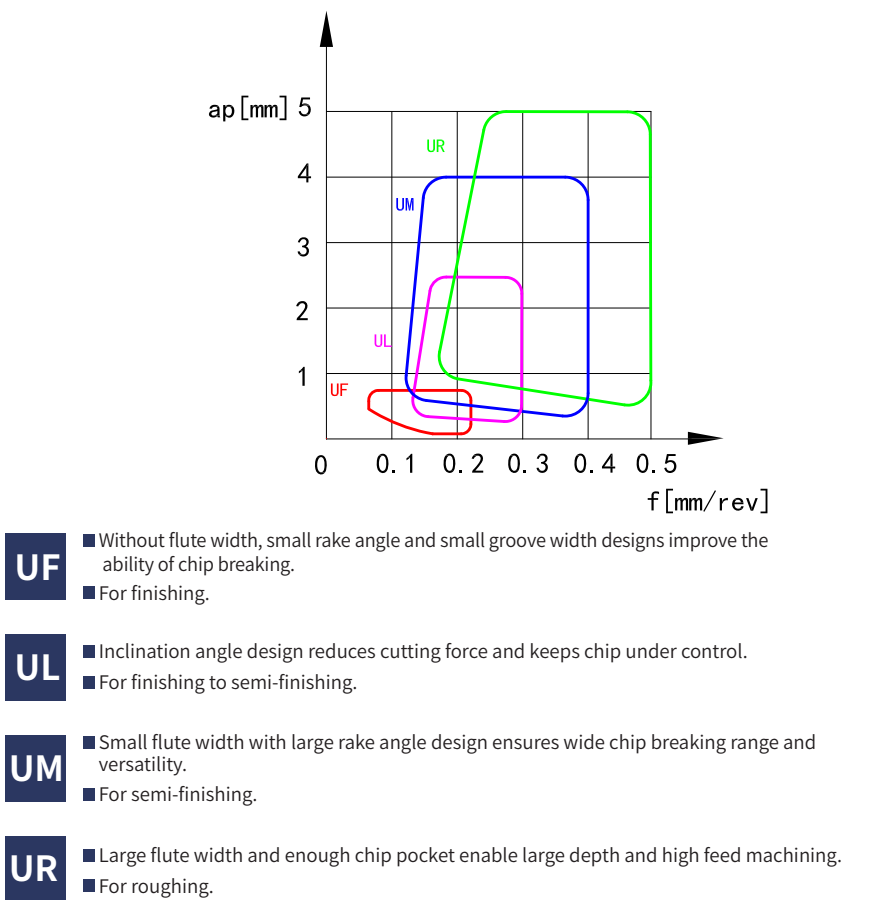
NEW

P Series Geometry (Negative)

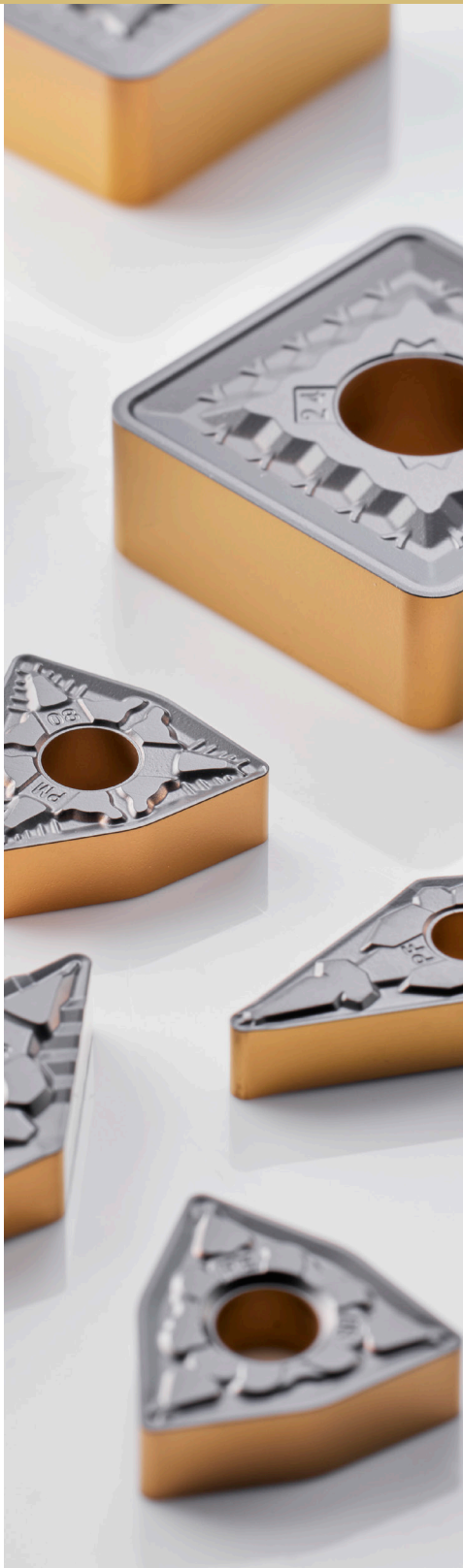


Geometry	Sharp ← → Strong										Small Cutting Depth ↑ ↓ High Cutting Depth
Finishing	PF										
Finishing to semi-finishing		QF									
Semi-finishing			PL								
				PM							
					PE						
					QM						
Roughing							PR				High Cutting Depth
						QR					
							PX				
Heavy machining (single side)									PY		High Cutting Depth
								PH	QH		

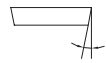
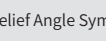
U Series Geometry (Positive)



Geometry	Sharp ← → Strong										Small Cutting Depth ↑ ↓ High Cutting Depth
Finishing	UF										
Finishing to semi-finishing		FP									
		MM									
Semi-finishing				UL							
					UM						
						GP					
Roughing							UR				High Cutting Depth
									KM		



ISO Turning Inserts Identification System

Symbol	Shape	Corner Angle	Shape	Symbol	Relief Angle		
H	Hexagon	120 °		A	3 °		
O	Octagon	135 °		B	5 °		
P	Pentagon	108 °		C	7 °		
S	Square	90 °		D	15 °		
T	Triangle	60 °		E	20 °		
C	Rhombic	80 °		F	25 °		
D		55 °		G	30 °		
E		75 °		N	0 °		
F		50 °		P	11 °		
M		86 °		O	Others		
V		35 °					
W	Trigon	80 °					
L	Rectangle	90 °					
A	Parallelo-gram	85 °					
B		82 °					
K		55 °					
R	Round	—					
①Shape Symbol				②Relief Angle Symbol			

Symbol	Tolerance (mm)			Tolerance (inch)		
	Corner Height (m)	Thickness (s)	I.C.dia. (Ød)	Corner Height (m)	Thickness (s)	I.C.dia. (Ød)
A	±0.005	±0.025	±0.025	±0.0002	±0.001	±0.001
F	±0.005	±0.025	±0.013	±0.0002	±0.001	±0.0005
C	±0.013	±0.025	±0.025	±0.0005	±0.001	±0.001
H	±0.013	±0.025	±0.013	±0.0005	±0.001	±0.0005
E	±0.025	±0.025	±0.025	±0.001	±0.001	±0.001
G	±0.025	±0.13	±0.025	±0.001	±0.005	±0.001
J	±0.005	±0.025	±0.05~±0.13	±0.0002	±0.001	±0.002~±0.005
K	±0.013	±0.025	±0.05~±0.13	±0.0005	±0.001	±0.002~±0.005
L	±0.025	±0.025	±0.05~±0.13	±0.001	±0.001	±0.002~±0.005
M	±0.08~±0.18	±0.13	±0.05~±0.13	±0.003~±0.007	±0.005	±0.002~±0.005
N	±0.08~±0.18	±0.025	±0.05~±0.13	±0.003~±0.007	±0.001	±0.002~±0.005
U	±0.13~±0.38	±0.13	±0.08~±0.25	±0.005~±0.015	±0.005	±0.003~±0.01
③Tolerance Symbol						

Insert Shape: H,O,P,S,T,C,E,M,W,R									
I. C. Size (mm)	Tolerance of I. C. Size(Ød) (mm)		Tolerance of Corner Height (mm)		I. C. Size (inch)	Tolerance of I. C. Size(Ød) (inch)		Tolerance of corner Height (inch)	
	Class J, K,L, M,N	Class U	Class M,N	Class U		Class J,K, L,M,N	Class U	Class J,K, L,M,N	Class U
6.35	±0.05	±0.08	±0.08	±0.13	0.250	±0.002	±0.003	±0.003	±0.005
9.525					0.375				
12.7	±0.08	±0.13	±0.13	±0.2	0.500	±0.003	±0.005	±0.005	±0.008
15.875	±0.1	±0.18	±0.15	±0.27	0.625	±0.004	±0.007	±0.006	±0.011
19.05					0.750				
25.4	±0.13	±0.25	±0.18	±0.38	1.000	±0.005	±0.010	±0.007	±0.015
31.75	±0.15	±0.25	±0.2	±0.38	1.250	±0.006	±0.010	±0.008	±0.015
32					1.260				

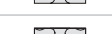
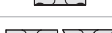
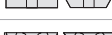
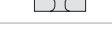
Insert Shape: D						Insert Shape: V					
Inscribed Circle Size		Tolerance of I. C. Size		Tolerance of Corner Height		Inscribed Circle Size		Tolerance of I. C. Size		Tolerance of Corner Height	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
6.35	0.250	±0.05	±0.002	±0.11	±0.004	6.35	0.250	±0.05	±0.002	±0.15	±0.006
9.525	0.375	±0.05	±0.002	±0.11	±0.004	9.525	0.375	±0.05	±0.002	±0.15	±0.006
12.7	0.500	±0.08	±0.003	±0.15	±0.006	12.7	0.500	±0.08	±0.003	±0.20	±0.008
15.875	0.625	±0.10	±0.004	±0.18	±0.007	15.875	0.625	±0.10	±0.004	±0.27	±0.011
19.05	0.750	±0.10	±0.004	±0.18	±0.007	19.05	0.750	±0.10	±0.004	±0.27	±0.011

Symbol	Thickness (mm)
01	1.59
02	2.38
T2	2.78
03	3.18
T3	3.97
04	4.76
05	5.56
06	6.35
07	7.94
09	9.52
⑥ Thickness Symble	

① ② ③ ④ ⑤

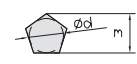
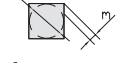
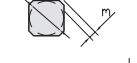
T N M G 22

① ② ③ ④ ⑤

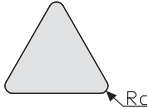
④ Hole/Chipbreaker Symbol					⑤ Edge Length Symbol (ISO) (mm)														
Symbol	Hole	Hole Shape	Chip-breaker	Shape									I. C. Size (mm)						
N	With-out	—	Without																
R			Single-sided																
F	With	With Hole	Double-sided																
A			Without																
M			Single-sided																
G			Double-sided																
W			Without																
T			Single-sided																
Q		With Hole and Two Countersinks 40-60 °C	Without																
U			Double-sided																
B		With Hole and One Countersink 70-90 °C	Without																
H			Single-sided																
C	With Hole and Two Countersinks 70-90 °C	Without	Without																
J			Double-sided																
X																			

⑤ Edge Length Symbol (ISO) (mm)																			
Symbol	Length	Symbol	Length	Symbol	Length	Symbol	Length	Symbol	Length	Symbol	Length	Symbol	Length	Symbol	Length				
		03	3.97	03	4.0					06	6.9	4	4.8						3.97
		04	4.76	04	4.8					08	8.2	5	5.8						4.76
05	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--				5
		05	5.56	05	5.6	03	3.8	09	9.6	6	6.8								5.56
06	6	--	--	--	--	--	--	--	--	--	--	--	--	--	--				6
		06	6.35	06	6.5	04	4.3	11	11	7	7.8	11	11.2						6.35
		07	7.94	08	8.1	05	5.4	13	13.8	9	9.7								7.94
08	8	--	--	--	--	--	--	--	--	--	--	--	--	--	--				8
09	9.525	09	9.525	09	9.7	06	6.5	16	16.5	11	11.6	16	16.6	16	19.7				9.525
10	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--				10
12	12	--	--	--	--	--	--	--	--	--	--	--	--	--	--				12
12	12.7	12	12.7	12	12.9	08	8.7	22	22	15	15.5	22	22.1						12.7
15	15.875	15	15.875	16	16.1	10	10.9	27	27.5	19	19.4								15.875
16	16	--	--	--	--	--	--	--	--	--	--	--	--	--	--				16
19	19.05	19	19.05	19	19.3	13	13	33	33	23	23.3								19.05
20	20	--	--	--	--	--	--	--	--	--	--	--	--	--	--				20
		22	22.25	22	22.6			38	38.5	27	27.1								22.225
25	25	--	--	--	--	--	--	--	--	--	--	--	--	--	--				25
25	25.4	25	25.4	25	25.8			44	44	31	31								25.4
31	31.75	31	31.75	32	32.2			55	55	38	38.8								31.75
31	32	--	--	--	--	--	--	--	--	--	--	--	--	--	--				32

Inscribed Circle Size (Ød)
Insert Thickness (S)
Corner Height (m)



⑦ Corner Ro Symbol	
	
Symbol	Corner-R (mm)
00	0.03
02	0.2
04	0.4
08	0.8
12	1.2
16	1.6
20	2.0
24	2.4
28	2.8
32	3.2

⑧ Chipbreaker Symbol	
Chipbreaker Symbol	

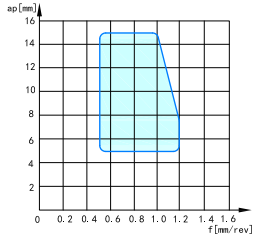
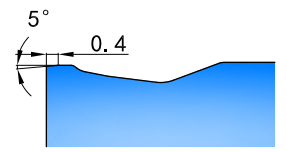
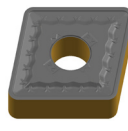
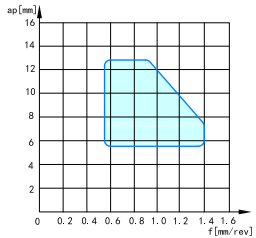
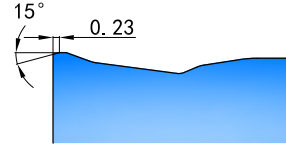
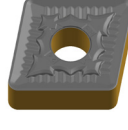
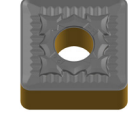
Overview of Turning Inserts

Turning Inserts (Negative)

Geometry	Features	Application Range	Cross Section		80°Rhombic	55°Rhombic	90°Square	60°Regular Triangle	35°Rhombic	80°Trigon
PF	- For finishing of carbon steel and alloy steel. - Adopts a three-stage intelligent chip-breaking platform design to meet the chip-breaking requirements at small cutting depth and small feed. - The first recommended geometry for finishing									
					CNMG-PF P014	DNMG-PF P015	SNMG-PF P016	TNMG-PF P017	VNMG-PF P018	WNMG-PF P019
PL	- For finishing to semi-finishing of carbon steel and alloy steel. - Wave - shaped cutting-edge design improves chip handling capacity in profiling and up facing.									
					CNMG-PL P014	DNMG-PL P015		TNMG-PL P017	VNMG-PL P018	WNMG-PL P019
PM	- For semi-finishing of carbon steel and alloy steel - Positive rake angle design reduces cutting resistance - Double antenna raised design improves chip-breaking capability at small cutting depth									
					CNMG-PM P014	DNMG-PM P015	SNMG-PM P016	TNMG-PM P017	VNMG-PM P018	WNMG-PM P019
PE	- For semi-finishing of carbon steel and alloy steel - High edge strength improves machining stability under unstable working conditions									
										WNMG-PE P019
PR	- For roughing of carbon steel, cast steel and alloy steel - Flat large edge width design improves cutting edge strength.									
					CNMG-PR P014	DNMG-PR P015	SNMG-PR P016	TNMG-PR P017		WNMG-PR P019
PX	- For heavy cutting of carbon steel, cast steel and alloy steel - Inclination angle design reduces cutting resistance									
					CNMG-PX P014		SNMG-PX P016			

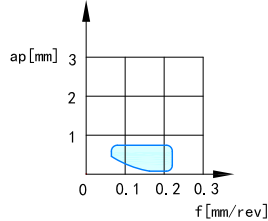
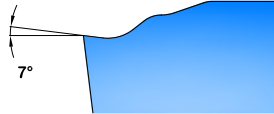
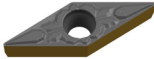
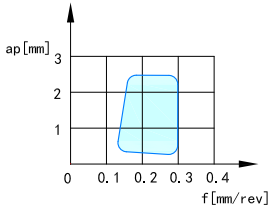
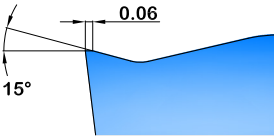
Overview of Turning Inserts

Turning Inserts (Negative)

Geometry	Features	Application Range	Cross Section		80°Rhombic	55°Rhombic	90°Square	60°Regular Triangle	35°Rhombic	80°Trigon
PY	- For heavy cutting of carbon steel, cast steel and alloy steel - Flat large edge width design Improves cutting edge strength. - Excellent chip breaking performance									
					CNMM-PY		SNMM-PY			
					P014		P016			
PH	- For heavy cutting of carbon steel, cast steel and alloy steel - Wavy-line protrusion design, balancing cutting resistance and chip breaking performance with optimal versatility - The first recommended geometry for heavy cutting									
					CNMM-PH		SNMM-PH			
					P014		P016			

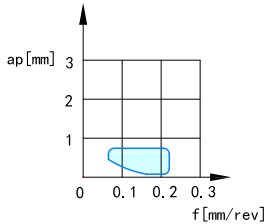
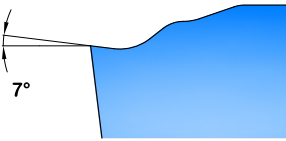
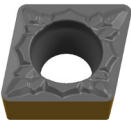
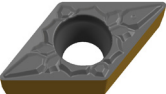
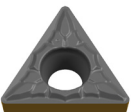
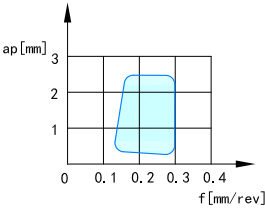
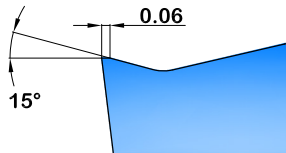
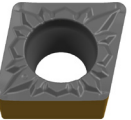
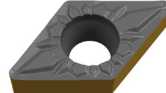
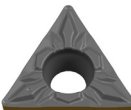
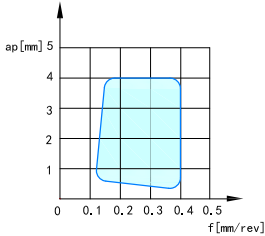
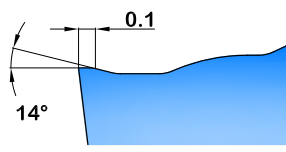
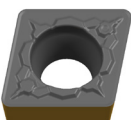
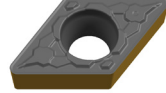
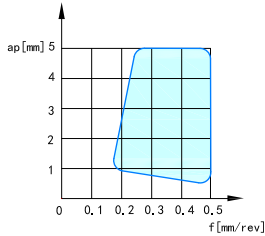
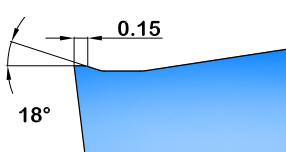
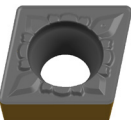
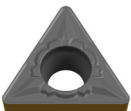
Overview of Turning Inserts

Turning Inserts (Positive)
5°Clearance Angle

Geometry	Features	Application Range	Cross Section		80°Rhombic	55°Rhombic	90°Square	60°Regular Triangle	35°Rhombic	80°Trigon
UF	• For finishing of carbon steel and alloy steel. • Sharp cutting edge enables high surface quality. • Double convex enables better chip control.									
UL	• For finishing to semi-finishing of carbon steel and alloy steel. • Inclination angle design reduces cutting force and keeps chip under control. • Sharp convex achieves a wider chip-breaking range.									

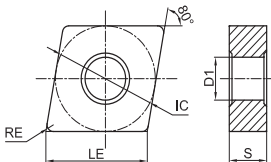
Overview of Turning Inserts

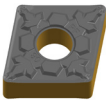
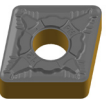
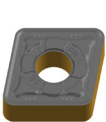
Turning Inserts (Positive)
7°Clearance Angle

Geometry	Features	Application Range	Cross Section		80°Rhombic	55°Rhombic	90°Square	60°Regular Triangle	35°Rhombic	80°Trigon
UF	- For finishing of carbon steel and alloy steel. - Sharp cutting edge enables high surface quality. - Double convex enables better chip control.									
					CCMT-UF	DCMT-UF	SCMT-UF	TCMT-UF		
					P020	P021	P022	P023		
UL	- For finishing to semi-finishing of carbon steel and alloy steel. - Inclination angle design reduces cutting force and keeps chip under control. - Sharp convex achieves a wider chip-breaking range.									
					CCMT-UL	DCMT-UL	SCMT-UL	TCMT-UL		
					P020	P021	P022	P023		
UM	- For semi-finishing of carbon steel and alloy steel. - Ellipsoidal convex satisfies a wide range of depth and feed rate machining - Wide chipbreaker reduces force at large cutting depth and tip wear.									
					CCMT-UM	DCMT-UM				
					P020	P021				
UR	- For roughing of carbon steel and alloy steel. - Flat flute width improves the tip strength. - V type convex makes chip-breaking stable and controllable.									
					CCMT-UR		SCMT-UR	TCMT-UR		
					P020		P022	P023		

Turning Insert (Negative)

CN□□
Rhombic 80° with Hole

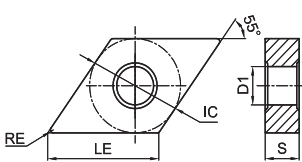


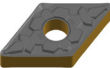
Ordering Code	Dimension (mm)					Coated Carbides		
	LE	IC	S	D1	RE	GPT6220	GPT6225	GPT6230
	CNMG120404-PF	12.9	12.7	4.76	5.16	0.4	●	
	CNMG120408-PF	12.9	12.7	4.76	5.16	0.8	●	○
	CNMG120412-PF	12.9	12.7	4.76	5.16	1.2	○	
	CNMG120404-PL	12.9	12.7	4.76	5.16	0.4	○	○
	CNMG120408-PL	12.9	12.7	4.76	5.16	0.8	○	
	CNMG120404-PM	12.9	12.7	4.76	5.16	0.4	●	●
	CNMG120408-PM	12.9	12.7	4.76	5.16	0.8	●	●
	CNMG120412-PM	12.9	12.7	4.76	5.16	1.2	●	○
	CNMG120416-PM	12.9	12.7	4.76	5.16	1.6	●	
	CNMG160608-PM	16.1	15.875	6.35	6.35	0.8	○	○
	CNMG160612-PM	16.1	15.875	6.35	6.35	1.2	●	●
	CNMG190612-PM	19.3	19.05	6.35	7.94	1.2	○	●
	CNMG120408-PR	12.9	12.7	4.76	5.16	0.8	○	●
	CNMG120412-PR	12.9	12.7	4.76	5.16	1.2	○	●
	CNMG160612-PR	16.1	15.875	6.35	6.35	1.2	●	●
	CNMG160616-PR	16.1	15.875	6.35	6.35	1.6	●	○
	CNMG190612-PR	19.3	19.05	6.35	7.94	1.2		○
	CNMG190616-PR	19.3	19.05	6.35	7.94	1.6	●	○
	CNMM160616-PX	16.1	15.875	6.35	6.35	1.6	○	○
	CNMM190624-PX	19.3	19.05	6.35	7.94	2.4		○
	CNMM250924-PX	25.8	25.4	9.52	9.12	2.4	●	○
	CNMM190624-PY	19.3	19.05	6.35	7.94	2.4	○	
	CNMM250924-PY	25.8	25.4	9.52	9.12	2.4	○	
	CNMM190624-PH	19.3	19.05	6.35	7.94	2.4	○	
	CNMM250924-PH	25.8	25.4	9.52	9.12	2.4	●	

●Stock ○Available Upon Order

Turning Insert (Negative)

DN□□
Rhombic 55° with Hole

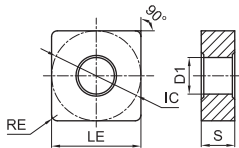


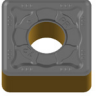
Ordering Code	Dimension (mm)					Coated Carbides		
	LE	IC	S	D1	RE	GPT6220	GPT6225	GPT6230
	DNMG110404-PF	11.6	9.525	4.76	3.81	0.4	○	
	DNMG110408-PF	11.6	9.525	4.76	3.81	0.8	●	
	DNMG150404-PF	15.5	12.7	4.76	5.16	0.4	○	
	DNMG150408-PF	15.5	12.7	4.76	5.16	0.8	●	○
	DNMG150412-PF	15.5	12.7	4.76	5.16	1.2	○	
	DNMG150608-PF	15.5	12.7	6.35	5.16	0.8	○	
	DNMG150408-PL	15.5	12.7	4.76	5.16	0.8	○	○
	DNMG150412-PL	15.5	12.7	4.76	5.16	1.2	○	
	DNMG150608-PL	15.5	12.7	6.35	5.16	0.8	○	
	DNMG150612-PL	15.5	12.7	6.35	5.16	1.2	○	
	DNMG110404-PM	11.6	9.525	4.76	3.81	0.4		●
	DNMG110408-PM	11.6	9.525	4.76	3.81	0.8	●	○
	DNMG110412-PM	11.6	9.525	4.76	3.81	1.2	○	○
	DNMG150404-PM	15.5	12.7	4.76	5.16	0.4		●
	DNMG150408-PM	15.5	12.7	4.76	5.16	0.8	●	○
	DNMG150412-PM	15.5	12.7	4.76	5.16	1.2	○	●
	DNMG150604-PM	15.5	12.7	6.35	5.16	0.4		●
	DNMG150608-PM	15.5	12.7	6.35	5.16	0.8	●	●
	DNMG150612-PM	15.5	12.7	6.35	5.16	1.2	●	●
	DNMG150412-PR	15.5	12.7	4.76	5.16	1.2	○	○
	DNMG150612-PR	15.5	12.7	6.35	5.16	1.2	○	○
								●

●Stock ○Available Upon Order

Turning Insert (Negative)

SN□□
Square 90° with Hole

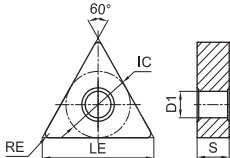


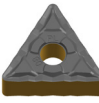
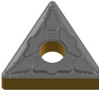
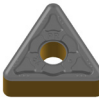
Ordering Code	Dimension (mm)					Coated Carbides		
	LE	IC	S	D1	RE	GPT6220	GPT6225	GPT6230
	SNMG120404-PF	12.7	12.7	4.76	5.16	0.4	○	
	SNMG120408-PF	12.7	12.7	4.76	5.16	0.8	●	
	SNMG120412-PF	12.7	12.7	4.76	5.16	1.2	○	
	SNMG120408-PM	12.7	12.7	4.76	5.16	0.8	○	●
	SNMG120412-PM	12.7	12.7	4.76	5.16	1.2	○	○
	SNMG150612-PM	15.875	15.875	6.35	6.35	1.2	●	○
	SNMG120412-PR	12.7	12.7	4.76	5.16	1.2	○	○
	SNMG150612-PR	15.875	15.875	6.35	6.35	1.2	○	○
	SNMG190612-PR	19.05	19.05	6.35	7.94	1.2	○	○
	SNMG190616-PR	19.05	19.05	6.35	7.94	1.6	○	○
	SNMG190624-PR	19.05	19.05	6.35	7.94	2.4	○	
	SNMM190624-PX	19.05	19.05	6.35	7.94	2.4	○	
	SNMM250924-PX	25.4	25.4	9.52	9.12	2.4	○	●
	SNMM250724-PY	25.4	25.4	7.94	9.12	2.4	○	
	SNMM250924-PY	25.4	25.4	9.52	9.12	2.4	○	○
	SNMM190624-PH	19.05	19.05	6.35	7.94	2.4	○	○
	SNMM250724-PH	25.4	25.4	7.94	9.12	2.4	●	○
	SNMM250924-PH	25.4	25.4	9.52	9.12	2.4	○	○
	SNMM250932-PH	25.4	25.4	9.52	9.12	3.2	○	
	SNMM320924-PH	31.75	31.75	9.52	9.52	2.4	○	○

●Stock ○Available Upon Order

Turning Insert (Negative)

TN□□
Triangle 60° with Hole



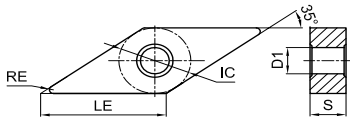
Ordering Code	Dimension (mm)					Coated Carbides		
	LE	IC	S	D1	RE	GPT6220	GPT6225	GPT6230
	TNMG160404-PF	16.5	9.525	4.76	3.81	0.4	●	
	TNMG160408-PF	16.5	9.525	4.76	3.81	0.8	○	●
	TNMG160412-PF	16.5	9.525	4.76	3.81	1.2	○	
	TNMG160408-PL	16.5	9.525	4.76	3.81	0.8	●	
	TNMG160404-PM	16.5	9.525	4.76	3.81	0.4	●	●
	TNMG160408-PM	16.5	9.525	4.76	3.81	0.8	●	●
	TNMG160412-PM	16.5	9.525	4.76	3.81	1.2	●	●
	TNMG220408-PM	22	12.7	4.76	5.16	0.8	○	●
	TNMG160412-PR	16.5	9.525	4.76	3.81	1.2	○	○

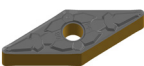
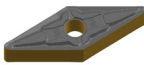
●Stock ○Available Upon Order

Turning Insert (Negative)

VN□□

Rhombic 35° with Hole



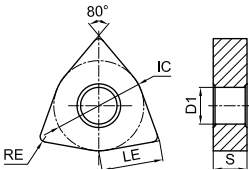
Ordering Code	Dimension (mm)					Coated Carbides		
	LE	IC	S	D1	RE	GPT6220	GPT6225	GPT6230
	VNMG160404-PF	16.6	9.525	4.76	3.81	0.4	●	●
	VNMG160408-PF	16.6	9.525	4.76	3.81	0.8	●	○
	VNMG160412-PF	16.6	9.525	4.76	3.81	1.2		○
	VNMG160408-PL	16.6	9.525	4.76	3.81	0.8	●	
	VNMG160404-PM	16.6	9.525	4.76	3.81	0.4	○	●
	VNMG160408-PM	16.6	9.525	4.76	3.81	0.8	●	●
	VNMG160412-PM	16.6	9.525	4.76	3.81	1.2	●	○

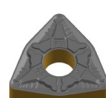
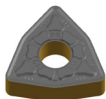
●Stock ○Available Upon Order

Turning Insert (Negative)

WN□□

Trigon 80° with Hole



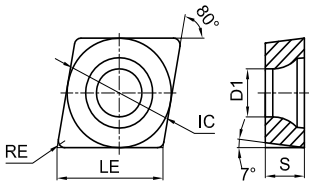
Ordering Code	Dimension (mm)					Coated Carbides		
	LE	IC	S	D1	RE	GPT6220	GPT6225	GPT6230
	WNMG060408-PF	6.5	9.525	4.76	3.81	0.8	●	○
	WNMG080404-PF	8.7	12.7	4.76	5.16	0.4	○	○
	WNMG080408-PF	8.7	12.7	4.76	5.16	0.8	●	○
	WNMG080412-PF	8.7	12.7	4.76	5.16	1.2	○	
	WNMG080404-PL	8.7	12.7	4.76	5.16	0.4	○	○
	WNMG080408-PL	8.7	12.7	4.76	5.16	0.8	●	○
	WNMG080412-PL	8.7	12.7	4.76	5.16	1.2	○	○
	WNMG060408-PM	6.5	9.525	4.76	3.81	0.8		○
	WNMG080404-PM	8.7	12.7	4.76	5.16	0.4	●	●
	WNMG080408-PM	8.7	12.7	4.76	5.16	0.8	●	●
	WNMG080412-PM	8.7	12.7	4.76	5.16	1.2	●	●
	WNMG080416-PM	8.7	12.7	4.76	5.16	1.6	●	
	WNMG080408-PE	8.7	12.7	4.76	5.16	0.8	○	○
	WNMG080412-PE	8.7	12.7	4.76	5.16	1.2	○	○
	WNMG080408-PR	8.7	12.7	4.76	5.16	0.8	○	○
	WNMG080412-PR	8.7	12.7	4.76	5.16	1.2	●	●
	WNMG080416-PR	8.7	12.7	4.76	5.16	1.6	○	

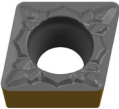
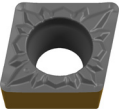
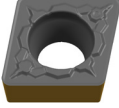
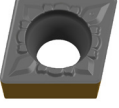
●Stock ○Available Upon Order

Turning Insert (Positive)

CC□□

Rhombic 80° with Hole



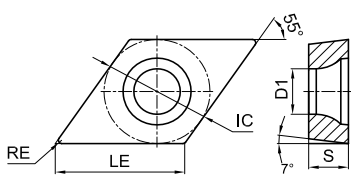
Ordering Code		Dimension (mm)					Coated Carbides		
		LE	IC	S	D1	RE	GPT6220	GPT6225	GPT6230
	CCMT060204-UF	6.5	6.35	2.38	2.8	0.4	○	○	
	CCMT09T304-UF	9.7	9.525	3.97	4.4	0.4	○	●	
	CCMT09T308-UF	9.7	9.525	3.97	4.4	0.8	○	○	
	CCMT060204-UL	6.5	6.35	2.38	2.8	0.4	●	●	○
	CCMT09T304-UL	9.7	9.525	3.97	4.4	0.4	●	●	
	CCMT09T308-UL	9.7	9.525	3.97	4.4	0.8	●	●	○
	CCMT120404-UL	12.9	12.7	4.76	5.56	0.4	●	●	
	CCMT060208-UM	6.5	6.35	2.38	2.8	0.8	●		
	CCMT09T304-UM	9.7	9.525	3.97	4.4	0.4	●		
	CCMT09T308-UM	9.7	9.525	3.97	4.4	0.8	●		
	CCMT120404-UM	12.9	12.7	4.76	5.56	0.4	○		
	CCMT120408-UM	12.9	12.7	4.76	5.56	0.8	●		
	CCMT120408-UR	12.9	12.7	4.76	5.56	0.8	○	●	○

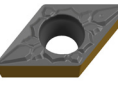
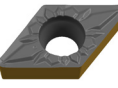
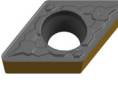
●Stock ○Available Upon Order

Turning Insert (Positive)

DC□□

Rhombic 55° with Hole

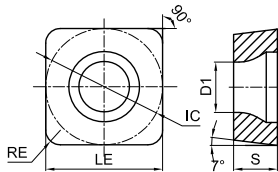


Ordering Code		Dimension (mm)					Coated Carbides		
		LE	IC	S	D1	RE	GPT6220	GPT6225	GPT6230
	DCMT11T304-UF	11.6	9.525	3.97	4.4	0.4	●	●	○
	DCMT11T308-UF	11.6	9.525	3.97	4.4	0.8	○	○	
	DCMT070204-UL	7.8	6.35	2.38	2.8	0.4	○	●	○
	DCMT070208-UL	7.8	6.35	2.38	2.8	0.8	○	●	
	DCMT11T304-UL	11.6	9.525	3.97	4.4	0.4	●	●	○
	DCMT11T308-UL	11.6	9.525	3.97	4.4	0.8	●	●	○
	DCMT11T304-UM	11.6	9.525	3.97	4.4	0.4	●		
	DCMT11T308-UM	11.6	9.525	3.97	4.4	0.8	○		

●Stock ○Available Upon Order

Turning Insert (Positive)

SC□□
Square 90° with Hole

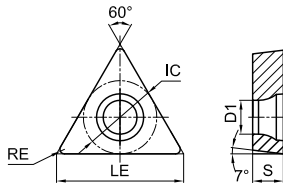


Ordering Code	Dimension (mm)					Coated Carbides		
	LE	IC	S	D1	RE	GPT6220	GPT6225	GPT6230
	SCMT09T308-UF	9.525	9.525	3.97	4.4	0.8	○	○
	SCMT09T308-UL	9.525	9.525	3.97	4.4	0.8	●	●
	SCMT120408-UL	12.7	12.7	4.76	5.56	0.8	●	●
	SCMT09T308-UR	9.525	9.525	3.97	4.4	0.8	○	●
	SCMT120408-UR	12.7	12.7	4.76	5.56	0.8	○	○

●Stock ○Available Upon Order

Turning Insert (Positive)

TC□□
Triangle 60° with Hole



Ordering Code	Dimension (mm)					Coated Carbides		
	LE	IC	S	D1	RE	GPT6220	GPT6225	GPT6230
	TCMT110204-UF	11	6.35	2.38	2.8	0.4	○	○
	TCMT110204-UL	11	6.35	2.38	2.8	0.4	●	●
	TCMT16T308-UR	16.5	9.525	3.97	4.4	0.8	○	○

●Stock ○Available Upon Order



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