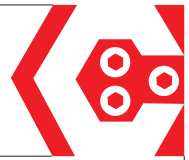


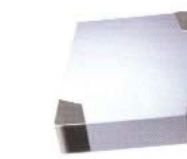



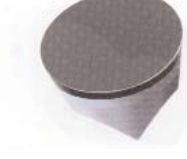


















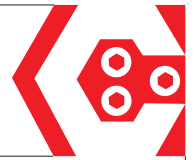


PCBN - PCD inserts

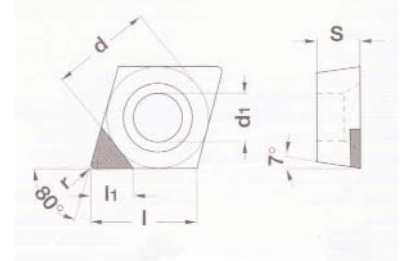
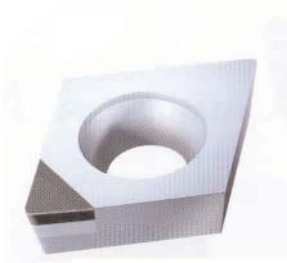




P C B N	CCMT EW  Page 1	CCMW EW  Page 1	CNMN  Page 2	DCMW EW  Page 2	
	RNGN Solid  Page 3	RNGN FullFace  Page 3	RCGX FullFace  Page 3	SNGN Solid  Page 4	
	SNMN  Page 4	SCMW EW  Page 4	TCMW EW  Page 5	TPGN EW  Page 5	
	VBMW EWS  Page 6	VNMG s  Page 6	VNMA M  Page 6	VNMA MW  Page 6	
	P C D	CCMW  Page 7	DCMW  Page 7	SCMW  Page 8	SPGN  Page 8
		TCMW  Page 9	TPGN  Page 9	VBMW  Page 10	

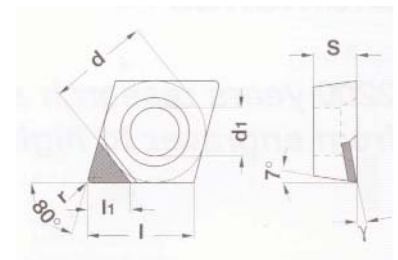
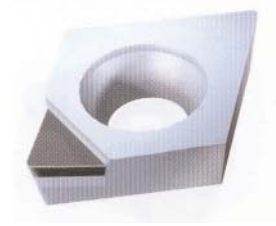


CCMT EW



Type	Dimensions (mm)				PCBN	
	ISO	d	s	r	d1	CBN10
CCMT 060202	6.35	2.38	0.2	2.8	+	+
CCMT 060204	6.35	2.38	0.4	2.8	+	+
CCMT 060208	6.35	2.38	0.8	2.8	+	+
CCMT 09T302	9.52	3.97	0.2	4.4	+	+
CCMT 09T304	9.52	3.97	0.4	4.4	+	+
CCMT 09T308	9.52	3.97	0.8	4.4	+	+

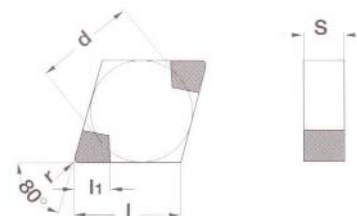
CCMW EW



Type	Dimensions (mm)				PCBN	
	ISO	d	s	r	d1	CBN10
CCMW 060202	6.35	2.38	0.2	2.8	+	+
CCMW 060204	6.35	2.38	0.4	2.8	+	+
CCMW 060208	6.35	2.38	0.8	2.8	+	+
CCMW 090304	9.52	3.18	0.4	4.4	+	+
CCMW 090308	9.52	3.18	0.8	4.4	+	+
CCMW 09T302	9.52	3.97	0.2	4.4	+	+
CCMW 09T304	9.52	3.97	0.4	4.4	+	+
CCMW 09T308	9.52	3.97	0.8	4.4	+	+
CCMW 09T312	9.52	3.97	1.2	4.4	+	+
CCMW 120404	12.7	4.76	0.4	5.5	+	+
CCMW 120408	12.7	4.76	0.8	5.5	+	+

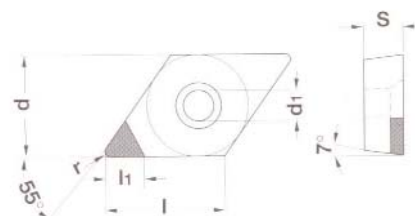
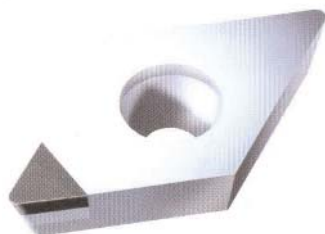


CNMN

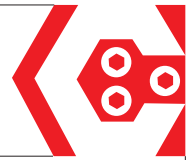


Type	Dimensions (mm)				PCBN		
	ISO	d	s	r	d1	CBN10	CBN20
CNMN 090304	9.52	3.18	0.4	-	-	+	+
CNMN 090308	9.52	3.18	0.8	-	-	+	+
CNMN 090312	9.52	3.18	1.2	-	-	+	+
CNMN 090404	12.7	4.76	0.4	-	-	+	+
CNMN 090408	12.7	4.76	0.8	-	-	+	+
CNMN 090412	12.7	4.76	1.2	-	-	+	+

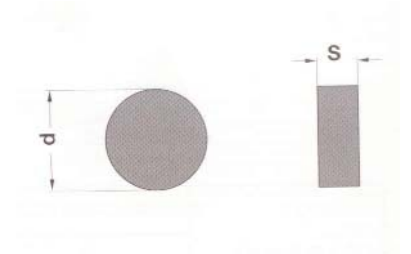
DCMW EW



Type	Dimensions (mm)				PCBN		
	ISO	d	s	r	d1	CBN10	CBN20
DCMW 070202	6.35	2.38	0.1	2.8	2.8	+	+
DCMW 070204	6.35	2.38	0.2	2.8	2.8	+	+
DCMW 070208	6.35	2.38	0.4	2.8	2.8	+	+
DCMW 110302	6.35	2.38	0.8	2.8	2.8	+	+
DCMW 110304	9.52	3.18	0.2	4.4	4.4	+	+
DCMW 110308	9.52	3.18	0.4	4.4	4.4	+	+
DCMW 11T302	9.52	3.18	0.8	4.4	4.4	+	+
DCMW 11T304	9.52	3.97	0.1	4.4	4.4	+	+
DCMW 11T308	9.52	3.97	0.2	4.4	4.4	+	+
DCMW 150404	9.52	3.97	0.4	4.4	4.4	+	+
DCMW 150408	9.52	3.97	0.8	4.4	4.4	+	+

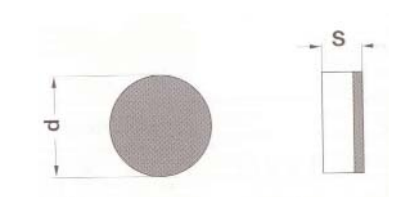


RNGN Solid



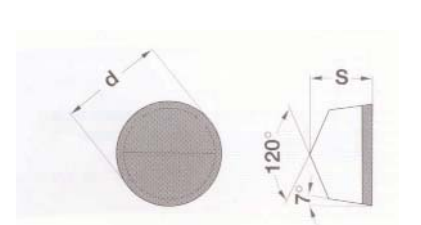
Type	Dimensions (mm)				PCBN	
ISO	d	s	r	d1	CBN10	CBN20
RNGN 090300	9.52	3.18	-	-	+	+
RNGN 120300	12.7	3.18	-	-	+	+
RNGN 120400	12.7	4.76	-	-	+	+

RNGN FullFace

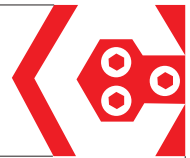


Type	Dimensions (mm)				PCBN	
ISO	d	s	r	d1	CBN10	CBN20
RNGN 090300	9.52	3.18	-	-	+	+
RNGN 120400	12.7	4.76	-	-	+	+

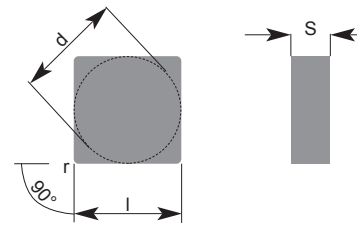
RCGX FullFace



Type	Dimensions (mm)				PCBN	
ISO	d	s	r	d1	CBN10	CBN20
RCGX 060600	6.35	6.35	-	-	+	+
RCGX 090700	9.52	7.94	-	-	+	+
RCGX 120700	12.7	7.94	-	-	+	+

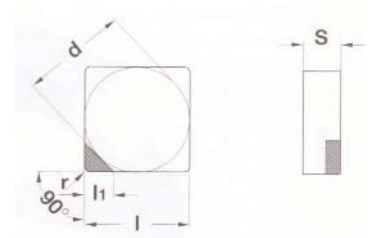


SNGN Solid



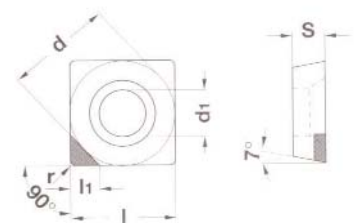
Type	Dimensions (mm)				PCBN	
ISO	d	s	r	d1	CBN10	CBN20
SNGN 090304	9.52	3.18	0.4	-	+	+
SNGN 090308	9.52	3.18	0.8	-	+	+
SNGN 090312	9.52	3.18	1.2	-	+	+
SNGN 120404	12.7	4.76	0.4	-	+	+
SNGN 120408	12.7	4.76	0.8	-	+	+
SNGN 120412	12.7	4.76	1.2	-	+	+

SNMN



Type	Dimensions (mm)				PCBN	
ISO	d	s	r	d1	CBN10	CBN20
SNMN 120404	12.7	4.76	0.4	-	+	+
SNMN 120408	12.7	4.76	0.8	-	+	+
SNMN 120412	12.7	4.76	1.2	-	+	+

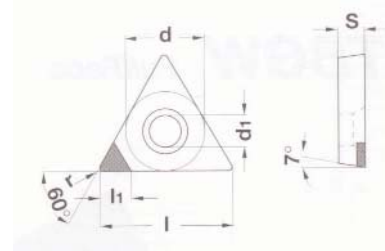
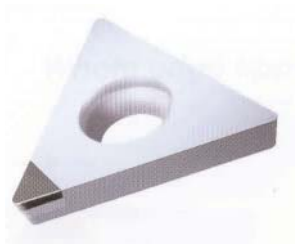
SCMW EW



Type	Dimensions (mm)				PCBN	
ISO	d	s	r	d1	CBN10	CBN20
SCMW 09T304	9.52	3.97	0.4	4.4	+	+
SCMW 09T308	9.52	3.97	0.8	4.4	+	+
SCMW 120404	12.7	4.76	0.4	5.5	+	+
SCMW 120408	12.7	4.76	0.8	5.5	+	+
SCMW 120412	12.7	4.76	1.2	5.5	+	+

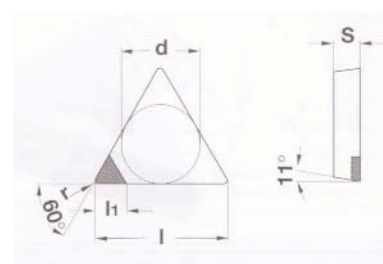
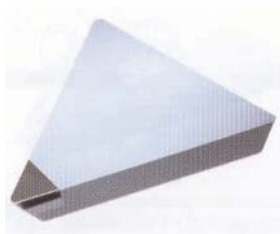


TCMW EW

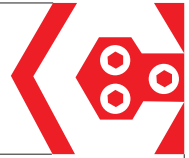


Type	Dimensions (mm)				PCBN	
	ISO	d	s	r	d1	CBN10
TCMW 090202	5.56	2.38	0.2	2.5	+	+
TCMW 090204	5.56	2.38	0.4	2.5	+	+
TCMW 090208	5.56	2.38	0.8	2.5	+	+
TCMW 110202	6.35	2.38	0.2	2.8	+	+
TCMW 110204	6.35	2.38	0.4	2.8	+	+
TCMW 110208	6.35	2.38	0.8	2.8	+	+
TCMW 110212	6.35	2.38	1.2	2.8	+	+
TCMW 16T304	9.52	3.97	0.4	4.4	+	+
TCMW 16T308	9.52	3.97	0.8	4.4	+	+

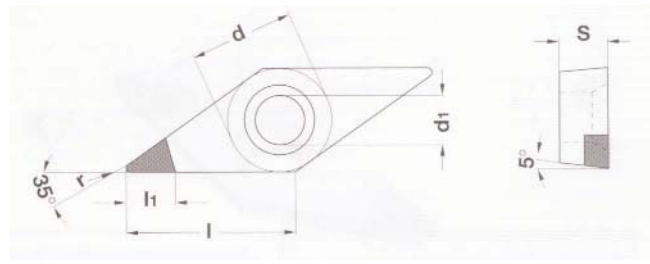
TPGN EW



Type	Dimensions (mm)				PCBN		
	ISO	d	s	r	d1	CBN10	CBN20
TPGN 090204	5.56	2.38	0.4	-	-	+	+
TPGN 110204	6.35	2.38	0.4	-	-	+	+
TPGN 110302	6.35	3.18	0.2	-	-	+	+
TPGN 110304	6.35	3.18	0.4	-	-	+	+
TPGN 110308	6.35	3.18	0.8	-	-	+	+
TPGN 160304	9.52	3.18	0.4	-	-	+	+
TPGN 160308	9.52	3.18	0.8	-	-	+	+

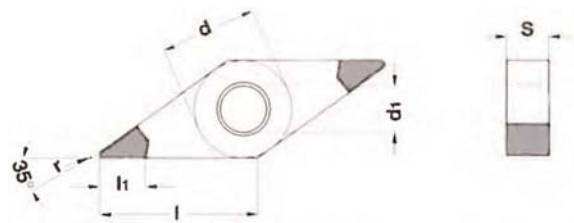


VBMW EWS



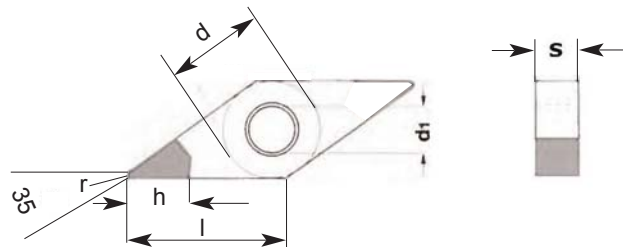
Type	Dimensions (mm)				PCBN	
	ISO	d	s	r	d1	CBN10
VBMW 110202	6.35	2.38	0.2	2.9	+	+
VBMW 110204	6.35	2.38	0.4	2.9	+	+
VBMW 160402	9.52	4.76	0.2	4.4	+	+
VBMW 160404	9.52	4.76	0.4	4.4	+	+
VBMW 160408	9.52	4.76	0.8	4.4	+	+

VNMA M

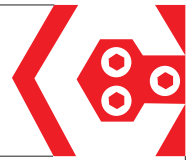


Type	Dimensions (mm)				PCBN	
	ISO	d	s	r	d1	CBN10
VNMA 160404-M	9.52	4.76	0.4	3.81	+	+
VNMA 160408-M	9.52	4.76	0.8	3.81	+	+
VNMA 160412-M	9.52	4.76	1.2	3.81	+	+

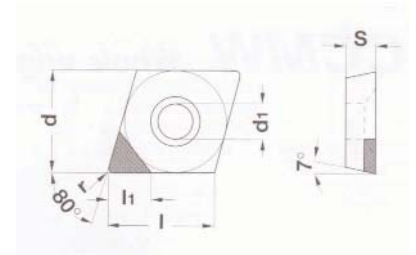
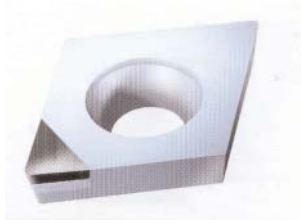
VNMA MW



Type	Dimensions (mm)				PCBN	
	ISO	d	s	r	d1	CBN10
VNMA 160404-MW	9.52	4.76	0.4	3.81	+	+
VNMA 160408-MW	9.52	4.76	0.8	3.81	+	+
VNMA 160412-MW	9.52	4.76	1.2	3.81	+	+
VNMA 160416-MW	9.52	4.76	1.6	3.81	+	+

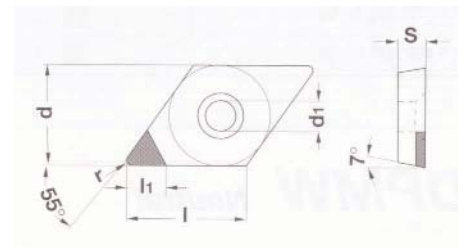
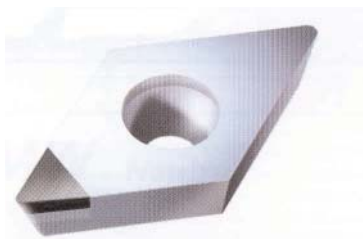


CCMW

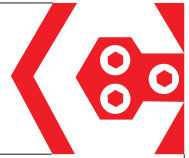


Type	Dimensions (mm)				PCD		
	ISO	d	s	r	d1	PCD10	PCD20
CCMW 060202	6.35	2.38	0.2	2.8	+	+	+
CCMW 060204	6.35	2.38	0.4	2.8	+	+	+
CCMW 060208	6.35	2.38	0.8	2.8	+	+	+
CCMW 09T302	9.52	3.97	0.2	4.4	+	+	+
CCMW 09T304	9.52	3.97	0.4	4.4	+	+	+
CCMW 09T308	9.52	3.97	0.8	4.4	+	+	+
CCMW 120404	12.7	4.76	0.4	5.5	+	+	+
CCMW 120408	12.7	4.76	0.8	5.5	+	+	+

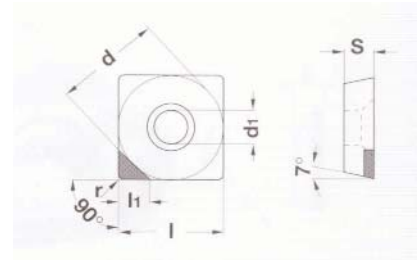
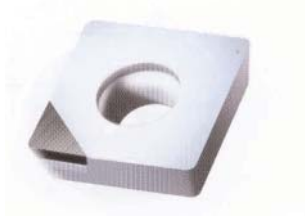
DCMW



Type	Dimensions (mm)				PCD		
	ISO	d	s	r	d1	PCD10	PCD20
DCMW 070201	6.35	2.38	0.1	2.8	+	+	+
DCMW 070202	6.35	2.38	0.2	2.8	+	+	+
DCMW 070204	6.35	2.38	0.4	2.8	+	+	+
DCMW 070208	6.35	2.38	0.8	2.8	+	+	+
DCMW 110302	9.52	3.18	0.2	4.4	+	+	+
DCMW 110304	9.52	3.18	0.4	4.4	+	+	+
DCMW 110308	9.52	3.18	0.8	4.4	+	+	+
DCMW 11T301	9.52	3.97	0.1	4.4	+	+	+
DCMW 11T302	9.52	3.97	0.2	4.4	+	+	+
DCMW 11T304	9.52	3.97	0.4	4.4	+	+	+
DCMW 11T308	9.52	3.97	0.8	4.4	+	+	+
DCMW 11T312	9.52	3.97	1.2	4.4	+	+	+
DCMW 150404	12.7	4.76	0.4	5.5	+	+	+
DCMW 150408	12.7	4.76	0.8	5.5	+	+	+

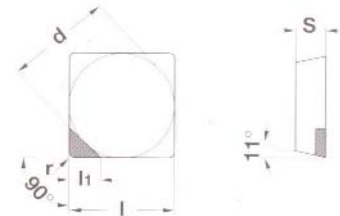


SCMW

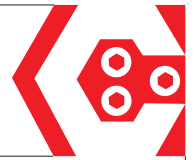


Type	Dimensions (mm)				PCD		
	d	s	r	d1	PCD10	PCD20	PCD30
ISO							
SCMW 09T304	9.52	3.97	0.4	4.4	+	+	+
SCMW 09T308	9.52	3.97	0.8	4.4	+	+	+
SCMW 09T312	9.52	3.97	1.2	4.4	+	+	+
SCMW 120404	12.7	4.76	0.4	5.5	+	+	+
SCMW 120408	12.7	4.76	0.8	5.5	+	+	+
SCMW 120412	12.7	4.76	1.2	5.5	+	+	+

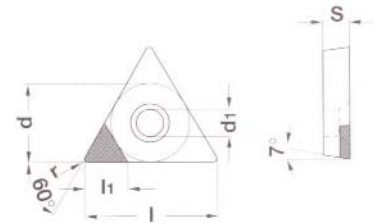
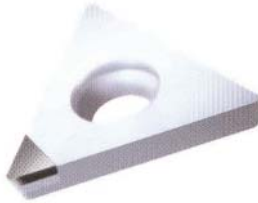
SPGN



Type	Dimensions (mm)				PCD		
	d	s	r	d1	PCD10	PCD20	PCD30
ISO							
SPGN 090304	9.52	3.18	0.4	-	+	+	+
SPGN 090308	9.52	3.18	0.8	-	+	+	+
SPGN 120304	12.7	3.18	0.4	-	+	+	+
SPGN 120308	12.7	3.18	0.8	-	+	+	+
SPGN 120312	12.7	3.18	1.2	-	+	+	+

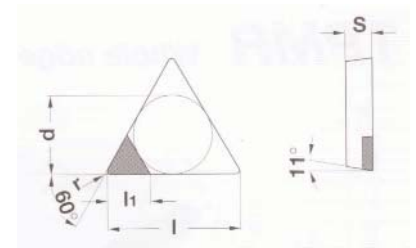


TCMW

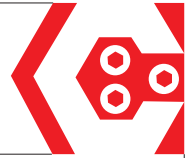


Type	Dimensions (mm)				PCD		
	d	s	r	d1	PCD10	PCD20	PCD30
ISO							
TCMW 090202	5.56	2.38	0.2	2.5	+	+	+
TCMW 090204	5.56	2.38	0.4	2.5	+	+	+
TCMW 090208	5.56	2.38	0.8	2.5	+	+	+
TCMW 110202	6.35	2.38	0.2	2.8	+	+	+
TCMW 110204	6.35	2.38	0.4	2.8	+	+	+
TCMW 110208	6.35	2.38	0.8	2.8	+	+	+
TCMW 16T304	9.52	3.97	0.4	4.4	+	+	+
TCMW 16T308	9.52	3.97	0.8	4.4	+	+	+
TCMW 16T312	9.52	3.97	1.2	4.4	+	+	+

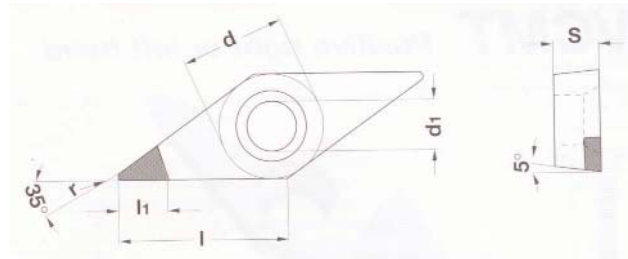
TPGN



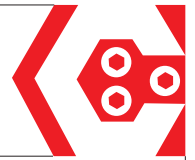
Type	Dimensions (mm)				PCD		
	d	s	r	d1	PCD10	PCD20	PCD30
ISO							
TPGN 090204	5.56	2.38	0.4	-	+	+	+
TPGN 090208	5.56	2.38	0.8	-	+	+	+
TPGN 110204	6.35	2.38	0.4	-	+	+	+
TPGN 110208	6.35	2.38	0.8	-	+	+	+
TPGN 110302	6.35	3.18	0.2	-	+	+	+
TPGN 110304	6.35	3.18	0.4	-	+	+	+
TPGN 110308	6.35	3.18	0.8	-	+	+	+
TPGN 160304	9.52	3.18	0.4	-	+	+	+
TPGN 160308	9.52	3.18	0.8	-	+	+	+
TPGN 160312	9.52	3.18	1.2	-	+	+	+



VBMW



Type	Dimensions (mm)				PCD			
	ISO	d	s	r	d1	PCD10	PCD20	PCD30
VBMW 110202		6.35	2.38	0.2	2.9	+	+	+
VBMW 110204		6.35	2.38	0.4	2.9	+	+	+
VBMW 110208		6.35	2.38	0.8	2.9	+	+	+
VBMW 160402		9.52	4.76	0.2	4.4	+	+	+
VBMW 160404		9.52	4.76	0.4	4.4	+	+	+
VBMW 160408		9.52	4.76	0.8	4.4	+	+	+
VBMW 160412		9.52	4.76	1.2	4.4	+	+	+



Grade Comparison

Grade	Comadex	SangYong	NTK	CeramTec	Kennametal	Sandvik	Toshiba	Kyocera	Mitsubishi	Sumitomo
P	CBN10	SBN1000	B16	WBN100	KD120	CB50	BX950	KBN65B	MB710	BN500
			B22					KBN900	MB730	BN600
	CBN20	SBN2000	B20	WBN600	KD050	CB20	BX450	KBN410	MB810	BNX10
			B24					KDN081		BX360
							KBN525	MB835	BNC80	
P	PCD10	SPD1000					DX120	KPD002	MD230	DA200
	PCD20	SPD2000			KD100	CD10	DX140	KPD010	MD220	DA150
					KD1415					
D	PCD30	SPD3000	PD1		KD100		DX160	KPD025	MD205	DA90
							DX180			





PCBN / PCD

Comadex PCBN is an ultra hard cutting tool consisting of polycrystalline cubic boron nitride with metallic or ceramic binder. It is available either as tip brazed to a carbide or as solid CBN.

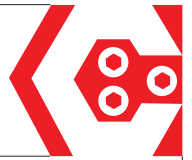
Comadex PCD is an ultra hard cutting tool consisting of polycrystalline diamond tip brazed to a carbide insert according to the various applications.

- PCBN is for hardened ferrous material.
- PCD is for non-ferrous material, wood and hardened alloyed steel at extremely high speed.
- Extremely hard and wear-resistant.
- Dry or wet machining depending on the cutting condition.

PCBN	CBN10	Ultra high hardness its hardness is up to 4,500 Hv Content of CBN : 90%	Ultra cutting speed for cast iron from roughing to finishing Machining chilled cast irons and high chrome alloy steel Heavy interrupted cut of hardened steel	Tougher   Harder
	CBN20	Machining with heavy interruption its hardness is up to 3,500 Hv Content of CBN : 65%	Precision finishing of hardened steel Recommended to use for hard materials Bearing steel, forged tool steel and high speed steel	
PCD	PCD10	Machining with fine surface finish Particle Size : 4~5µm	Machining of aluminium and wood Gives fine surface finish in turning operation	
	PCD20	Ultra high hardness Great wear resistance Particle Size : 8~9µm	The first choice of PCD grades Turning operation of aluminium and copper alloy Machining aluminium alloy with lower percentage of Si	
	PCD30	Machining with interruption Particle Size : 15~22µm	Milling operation of aluminium alloy Machining ultra fine alloy and powder sintered metal cutting of composites	

Physical Properties

Grade	Content of CBN (%)	Hardness (Hv)	Grade	Particle Size	Hardness (Hv)
CBN10	90	4,500	PCD10	4 ~ 5	6,000 ~ 8,000
CBN20	65	3,500	PCD20	8 ~ 9	7,000 ~ 9,000
			PCD30	15 ~ 22	8,000 ~ 10,000

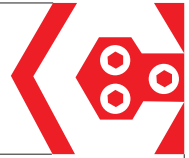


Recommended Cutting Condition

Application	Grade		Workpiece	Velocity (V) (m/min)	Feed (f) (mm/rev)	Depth (DOC) (mm)
Turning	P C B N	CBN10	Cast iron	400~1,000	0.15~0.45	0.10~2.00
			High hardness cast iron	75~150	0.15~0.30	0.10~1.80
			Nodular cast iron roll	45~60	0.60~0.80	0.15~0.25
			Carbide roll	10~15	0.50~2.50	2.00~3.50
	P C B N	CBN20	High hardness steel (roughing)	60~140	0.15~0.40	0.70~2.30
			High hardness steel (finishing, >HrC 45) Hardened alloy steel (>HrC 35)	100~140 100~240	0.10~0.20 0.05~0.30	0.10~0.75 0.10~2.50
	P C D	PCD10	Plastic alloy	300~1,000	0.05~0.25	0.05~3.00
			Wood	1,000~2,500	0.10~0.50	0.20~4.50
		PCD20 PCD20 PCD20,PCD30 PCD30	Aluminium / Zinc / Copper	600~1,000	0.05~0.25	0.05~0.30
			Aluminium alloy (Si 4~8%) (Si 9~14%) (Si 16~18%)	800~2,500 500~1,290 300~600	0.10~0.30 0.10~0.30 0.10~0.30	0.05~3.00 0.05~3.00 0.05~3.00
PCD30	Powered Carbide Piece	50~250	0.10~0.40	0.10~4.00		
	Sintered Carbide	20~40	0.05~0.20	0.02~0.45		

Application Range

	Cast Iron	Hard steel	Non-Ferrous metal	Wood
	K01 K10 K20 K30 K40	Hardened Steel Powder sintered alloy	Aluminium Zinc Copper Composites	
PCBN	CBN10	CBN10 CBN20		
PCD		PCD30	PCD10 PCD20 PCD30	PCD10

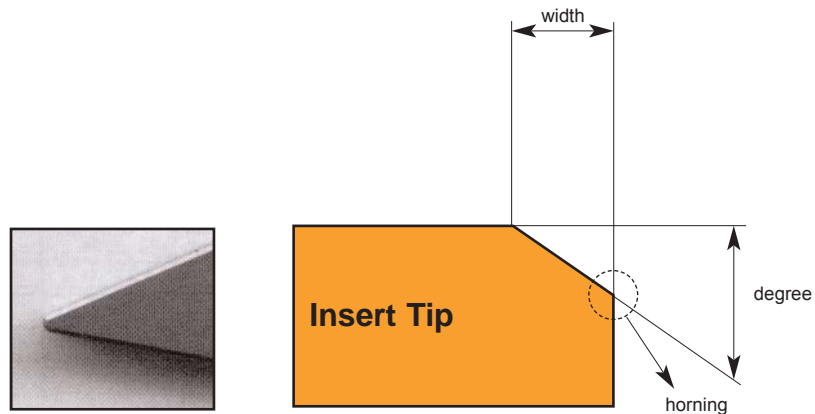
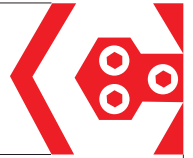


Hardness Conversion Table

Brinell 3,000Kgf (HB)	Rockwell				Vickers 50Kgf (HV)	Shore's (HS)	Tensile Strength	Brinell 3,000Kgf (HB)	Rockwell				Vickers 50Kgf (HV)	Shore's (HS)	Tensile Strength
	A Scale 60Kgf Diamond	B Scale 100Kg 1/16"steel	C Scale 150Kgf Diamond	D Scale 100Kgf Diamond					A Scale 60Kgf Diamond	B Scale 100Kg 1/16"Steel	C Scale 150Kgf Diamond	D Scale 100Kgf Diamond			
767	85.6		68.0	76.9	940	97		331	68.1	(108.5)	35.5	51.9	350	48	112
757	85.3		67.5	76.5	920	96		331	67.5	(108.5)	35.5	51.0	339	47	108
745	85.0		67.0	76.1	900	95		311	66.9	(107.5)	33.1	50.0	28	46	105
733	84.7		66.4	75.7	880	93		302	66.3	(107.0)	32.1	49.3	319	45	103
722	84.4		65.9	75.3	860	92		293	65.7	(106.0)	30.9	48.3	309	43	99
712	84.1		65.3	74.8	840	91		285	65.3	(105.5)	29.3	47.6	301		97
710	83.8		64.7	74.3	820	90		277	64.6	(104.5)	28.8	46.7	292	41	94
698	83.4		64.0	73.8	800	88		269	64.1	(104.0)	27.6	45.9	284	40	91
684	83.0		63.3	73.3	780	87		262	63.6	(103.0)	26.6	45.0	276	39	89
682	82.6		62.5	72.6	760	86		255	63.0	(102.0)	25.4	44.2	269	38	86
670	82.2		61.8	72.1	740			248	62.5	(101.0)	24.2	43.2	261	37	84
656	82.2		61.7	72.0	737	84		241	61.8	100.0	22.8	42.0	253	36	82
653	81.8		61.0	71.5	720	83		235	61.4	99.0	21.7	41.4	247	35	80
647	81.3		60.1	70.8	700			229	60.8	98.2	20.5	40.5	241	34	78
638	81.2		60.0	70.7	697	81		223		97.3	(18.8)		234		
630	81.1		59.7	70.5	690			217		96.4	(17.5)		228	33	74
627	80.8		59.2	70.1	680	80		212		95.5	(16.0)		222		72
601	80.6		58.8	69.8	670			207		94.6	(15.2)		218	32	70
578	80.5		58.7	68.7	640	77		201		93.8	(13.8)		212	31	69
555	79.8		57.3	68.7	640	77		197		92.8	(12.7)		207	30	67
534	79.1		56.0	67.7	615	75		192		91.9	(11.5)		202	29	65
514	79.1		56.0	67.7	615	75		187		90.7	(10.0)		196		63
495	78.4		54.7	66.7	591	73	210	183		90.0	(9.0)		192	28	63
477	77.8		53.5	65.8	569	71	202	179		89.0	(8.0)		188	27	61
461	76.9		52.1	64.7	547	70	193	174		87.8	(6.4)		182		60
444	76.3		51.0	63.8	528	68	186	170		86.8	(5.4)		178	26	58
429	75.6		49.6	62.7	508	66	177	167		86.0	(4.4)		175		57
415	74.9		48.5	61.7	491	65	170	163		85.0	(3.3)		171	25	56
401	74.2		47.1	60.8	472	63	162	156		82.9	(0.9)		163		53
388	73.4		45.7	59.7	455	61	154	149		80.8			156		51
375	72.8		44.5	58.8	440	59	149	143		78.7			150	22	50
363	72.0		43.1	57.8	425	58	132	137		76.4			143	21	47
352	71.4		41.8	56.8	410	56	136	131		74.0			137		46
341	70.6		40.4	55.7	396	54	129	126		72.0			132	20	44
	70.0		39.1	54.6	383	52	124	121		69.8			127	19	42
	69.3	(110.0)	37.9	53.8	372	51	120	116		67.6			122	18	41
	68.7	(109.0)	36.6	52.8	360	50	115	111		65.7			117	15	39

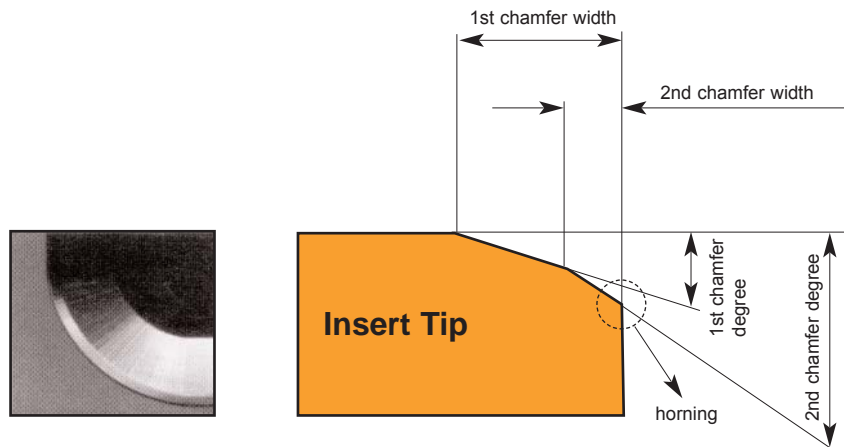
Properties of Elements

Element	Density (g/cm³)	Hardness (Kg/mm²)	Young's Modulus (x10³Kg/mm²)	Thermal Expansion Coefficient (10⁻⁶/°C)	Melting Point (°C)	Element	Density (g/cm³)	Hardness (Kg/mm²)	Young's Modulus (x10³Kg/mm²)	Thermal Expansion Coefficient (10⁻⁶/°C)	Melting Point (°C)
WC	15.60	2,150	70	5.1	2,900	Al203	3.98	3,000	42	8.5	2,050
TiC	4.94	3,200	46	7.6	3,200	CBN	3.48	4,500	71	4.7	
TaC	14.50	1,800	29	6.6	3,800	Diamond	3.52>	9,000	99	3.1	
NbC	8.20	2,050	35	6.8	3,500	Co	8.90		10~18	12.3	1,495
TiN	5.43	2,000	26	9.2	2,950	Ni	8.90		20	13.3	1,455



Chamfer degree (°C)	Chamfer Width (mm)		Horning (µm)
E = 20	02 = 0,10	50 = 2,50	0 : N0 Horning
G = 30	04 = 0,20	60 = 3,00	2 : 20

Example: CNVX 120716 **E040**



1st Chamfer degree (°C)	1st Chamfer Width (mm)	2nd Chamfer Width (mm)	Horning (µm)
W = 10	5 = 1,50	Xdegree (°C)	2 = 20
X = 15	6 = 2,00	3 = 0,20 x 25	5 = 50
		4 = 0,10 x 30	

Example: SNGN 190724 **X542**



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