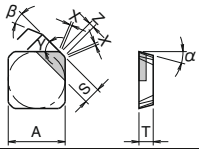
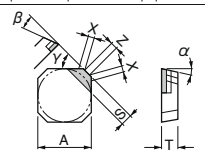
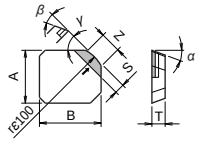
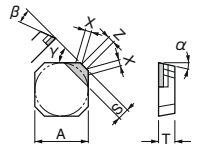
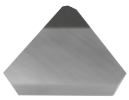
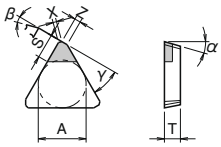
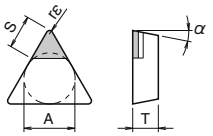
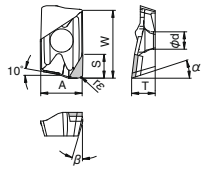
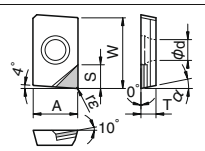
Milling Inserts (CBN & PCD)

Classification of usage			KBN510	KBN525			KPD001	KPD010	KPD230	
★ : Roughing / 1st Choice ☆ : Roughing / 2nd Choice ■ : Finishing / 1st Choice □ : Finishing / 2nd Choice	P	Carbon Steel / Alloy Steel								
		Mold Steel								
	M	Stainless Steel								
	K	Gray Cast Iron								
		Nodular Cast Iron								
	N	Non-ferrous Metals					□		■	
	S	Heat-resistant alloy								
		Titanium Alloy					□		■	
	H	Hard Materials		■						

Insert (Handed Insert shows Right-hand)	Description	A	T	X	Z	S	B	α	β	γ	KBN510	KBN525			KPD001	KPD010	KPD230		Ref. Page for Toolholder
	**SDKN 1203AUFN**	12.70	3.18	0.5	1.2	3.6	-	15°	23°	45°					●	●			**M31**
	1203AUFN-NE					3.1	-								●				
	**SEEN 1203AFFN**	12.70	3.18	0.5	1.4	3.5	-	20°	25°	45°					●	●			**M27**
	1203AFFN-NE					3.0	-								●				**M28**
Wiper Insert 	**SEEN 1203AFFR-W**	12.50	3.18	-	3.5	1.7	14.56	20°	25°	45°					●				**M28**
	**SOKN 13T3AXFN-NE**	13.494	3.97	0.4	1.1	3.0	-	27°	32°	45°							●		**M33**
 	**TEEN 1603PTFR**	9.525	3.18	0.6	1.4	4.7	-	20°	22°	30°					●	●			**M81**
	1603PTFR-NE					4.1	-								●				
	TEKN 2204PTFR	12.70	4.76	0.7	1.8	4.8	-	20°	22°	30°					●	●			**M41**
	2204PTFR-NE					4.2	-								●				

Insert	Description	A	T	rε	S			α			KBN510	KBN525			KPD001	KPD010	KPD230		Ref. Page for Toolholder
	**TPGN 110304T00815**	6.35	3.18	0.4	3.8			11°			●	●							**M81**
	110308T00815			0.8	3.5						●	●							
	TPGN 110302			0.2	3.9										●	●			
	110304			0.4	3.7										●	●			
	110308			0.8	3.4											●			
	TPGN 110302NE			0.2	3.4										●				
	110304NE			0.4	3.2										●				
	110308NE			0.8	2.9										●				

Insert (Handed Insert shows Right-hand)	Description	A	T	ød	W	rε	S	α	β		KBN510	KBN525			KPD001	KPD010	KPD230		Ref. Page for Toolholder
	**BDMT 11T302FR**	6.7	3.80	2.8	11.0	0.2	3.6	18°	13°						●		●		**M47**
	11T304FR					0.4									●		●		
	BDMT 170402FR	9.6	4.90	4.4	17.0	0.2	4.4	18°	13°						●		●		
	170404FR					0.4									●		●		
	**NDCW 150302FRX**	9.525	3.18	4.4	15.0	0.2	5.7	15°							●	●			**M79**
	150302FRX-NE						5.1								●		●		

● : Std. Item ○ : Check Availability R : Std. Item (R-hand Only) L : Std. Item (L-hand Only)

CBN & PCD Inserts are sold in 1 piece boxes.