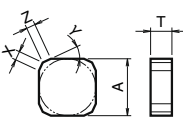
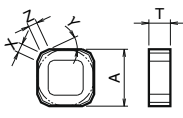
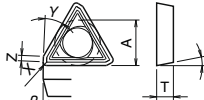
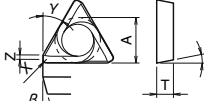
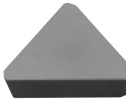
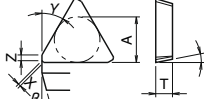
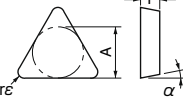


Milling Indexable Inserts

Milling Inserts

Classification of usage ★ : Roughing / 1st Choice ☆ : Roughing / 2nd Choice ■ : Finishing / 1st Choice □ : Finishing / 2nd Choice (In case hardness is under 45HRC)	P	Carbon Steel / Alloy Steel		■		☆	★		☆					age for Toolholder
		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	Dimension (mm)				Angle (°)			Cermet	PVD Coated Carbide				Carbide				Ref. Pa.					
			A	T	X	Z	re	α	β	γ	TN60	TN100M	TC60	PR630	PR730	PR830		PR1025		PR660	PR905	PW30	KW10	
		SNCN 1204XNTN SNKN 1204XNTN	12.70	4.76	2.0	2.0	-	-	-	25°	●	●											-	
		SNMF 1204XNTN	12.70	4.76	2.0	2.0	-	-	-	25°	●												-	
		TEKN 1603PTTR	9.525	3.18	R0.8 0.7	1.0 1.4	-	20°	22°	30°	●	●	●	●						●	●		M81	
		1603PTFR	9.525	3.18	0.7	1.4	-	20°	22°	30°											●	●		
		TEEN 2204PTTR	12.70	4.76	R1.0	1.4	-	20°	22°	30°	●	●										●	●	M41
		TEKN 2204PTTR	12.70	4.76	R1.0 0.7	1.4	-	20°	22°	30°	●	●	●	●	●				●	●		●	●	
		2204PTFR	12.70	4.76	0.7	1.4	-	20°	22°	30°													●	
		TEKR 2204PTER-S	12.70	4.76	R1.0	1.4	-	20°	22°	30°	●			●	●				●	●	●		M41	
		TEMR 1603PTER-H	9.525	3.18	R0.8	1.2	-	20°	22°	30°			●	●									M81	
		TEMR 2204PTER-H	12.70	4.76	R1.0	1.4	-	20°	22°	30°				●	●	●								M41
		TPKN 1603PDTR 1603PDFR	9.525	3.18	0.7	1.2	-	11°	15°	30°	●	●	●	●						●	●		-	
		TPKN 2204PDTR 2204PDFR	12.70	4.76	0.7	1.6	-	11°	15°	30°	●	●		●	●					●	●	●		
		TPKR 2204PDER-S	12.70	4.76	R1.0	1.4	-	11°	15°	30°	●			●					●	●			M41	
		TPMR 1603PDER-H	9.525	3.18	R0.8	1.2	-	11°	15°	30°			●	●									-	
		TPMR 2204PDER-H	12.70	4.76	R1.0	1.4	-	11°	15°	30°				●	●									M41
		TPMN 110304 110308 160304 160308 160312	6.35	3.18	-	-	0.4 0.8	11°	-	-		●											M81	
		220408 220412	9.525	3.18	-	-	0.4 0.8 1.2	11°	-	-		●											-	
		220408 220412	12.70	4.76	-	-	0.8 1.2	11°	-	-		●												
		TPGN 090202 090204 090208	5.56	2.38	-	-	0.2 0.4 0.8	11°	-	-		●										●	●	-
		110302 110304 110308 160304 160308 160312	6.35	3.18	-	-	0.2 0.4 0.8	11°	-	-		●										●	●	M81
		160304 160308 160312	9.525	3.18	-	-	0.4 0.8 1.2	11°	-	-		●										●	●	-
		160308 160312																				●	●	
		160312																				●	●	
		160312																				●	●	
		160312																				●	●	

Inserts are sold
in 10 piece boxes.

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

kyocera@kyocera-tools.ru
www.kyocera-tools.ru