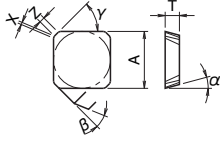
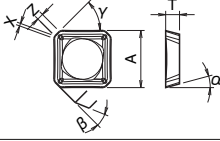
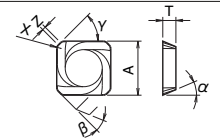
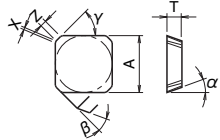
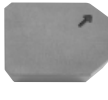
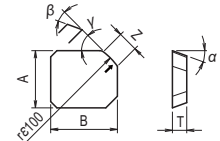
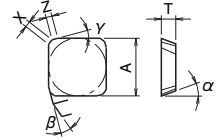
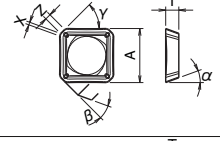
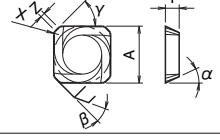
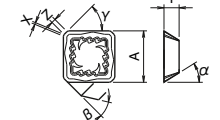


Milling Indexable Inserts

Milling Inserts

Classification of usage	P	Carbon Steel / Alloy Steel Mold Steel	■	☆	★	☆							
★ : Roughing / 1st Choice	M	Stainless Steel					★	☆					
☆ : Roughing / 2nd Choice	K	Gray Cast Iron Nodular Cast Iron								★		☆	
■ : Finishing / 1st Choice	N	Non-ferrous Metals											★
□ : Finishing / 2nd Choice	S	Heat-resistant alloy Titanium Alloy					★	☆					
(In case hardness is under 45HRC)	H	Hard Materials			□	□				★		☆	

age for Toolholder

Insert		Description	Dimension (mm)					Angle (°)				Cermet					PVD Coated Carbide				Carbide				Ref. Pa
			A	T	X	Z	ε	α	β	γ	TN60	TN100M	TC60	PR630	PR730	PR830			PR1025	PR660	PR905	PW30	KW10		
		SDCN 1203AUTN	12.70	3.18	0.5	1.2	-	15°	23°	45°	●												M31		
		SDKN 1203AUTN 1203AUFN	12.70	3.18	0.5	1.2	-	15°	23°	45°	●		●	●						●	●	●		●	
		SDKN 1504AUTN	15.875	4.76	0.5	1.2	-	15°	23°	45°	●		●	●										●	
		SDKR 1203AUEN-S	12.70	3.18	0.5	1.7	-	15°	23°	45°	●			●						●	●		M31		
		SDMR 1203AUER-H	12.70	3.18	R1.0	0.8	-	15°	23°	45°				●	●										
		SEEN 1203AFTN	12.70	3.18	0.5	1.4	-	20°	25°	45°	●											●	M27 M28		
		SEKN 1203AFTN 1203AFFN	12.70	3.18	0.5	1.4	-	20°	25°	45°	●		●	●	●				●	●	●			●	
		SEKN 1204AFTN	12.70	4.76	0.5	1.4	-	20°	25°	45°	●			●										-	
 1-Edge / With Wiper Edge		SEEN 1203AFTR-W 1203AFFR-W	12.70	3.18	-	3.5	B=14.56	20°	25°	45°	●											●	M28		
		SEKN 1203EFTR	12.70	3.18	1.2	1.4	-	20°	25°	15°	●			●	●								M39		
		SEKR 1203AFEN-S	12.70	3.18	0.5	1.7	-	20°	25°	45°	●				●	●			●	●	●		M27 M28		
		SEMR 1203AFER-H	12.70	3.18	R1.0	1.0	-	20°	25°	45°				●	●	●									
		SEMR 1204AFER-H	12.70	4.76	R1.0	1.0	-	20°	25°	45°				●	●								-		
		SOKR 13T3AXEN-J	13.494	3.97	0.5	1.1	-	27°	32°	45°	●			●	●					●	●		●	M32	

Cutting Range	Chipbreaker		Features
Finishing-Roughing	S		S Chipbreaker for general use cutter. Low resistant cutting is possible with 13° chipbreaker rake angle. Recommended for various ap with 3-step chipbreaker design. Ground wiper edge promotes good surface finish.
Medium-Roughing	H		H Chipbreaker for general use cutter. Smooth chip evacuation due to the chipbreaker's smooth rake face. 20% less cutting force than no-chipbreaker type due to 25° rake angled chipbreaker.
Finishing-Roughing	J		Chipbreaker specific to MSO Cutter. Cutting force's great reduction with 15° chipbreaker's rake angle and 27° positive angle. Back force remains low even increasing the feed rate. Larger & stronger type insert with thickness 3.97mm and IC 13.494mm, and suitable for hard-to-machine materials like stainless steel.

SEEN-W type Inserts are sold in 5 piece boxes.

Inserts are sold
in 10 piece boxes. kyocera@kyocera-tools.ru
www.kyocera-tools.ru

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