

MILLING INSERTS

Milling Inserts with Hole

Usage Classification

- ★ Roughing / 1st Choice
- ☆ Roughing / 2nd Choice
- Finishing / 1st Choice
- Finishing / 2nd Choice (Hardness Under 45HRC)

P	Free-Cutting Steel Carbon/Alloy Steel	■	★	★	☆	
M	Stainless Steel		★	★		
K	Gray Cast Iron Nodular Cast Iron				★	☆
N	Non-ferrous Metals					★
S	Heat-Resistant Alloys Titanium Alloy				★	☆
H	Hard Materials		■			□

Insert (Right-hand Shown)	Part Number (ANSI)	Part Number (ISO)	Dimensions (in)					Angle (°)			Cermet TN100M	CVD* CA6535	MN* PRI 535	MEGACOAT			PVD* PR830	Carbide KW10	Toolholder Page
			A	T	Ød	W (X)	rε (Z)	α	β	γ				PRI 225	PRI 230	PRI 210			
	(Use ISO Part Number)	SDKW 09T204TN 09T204FN	0.375	0.109	0.134	-	0.016	15°	-	-	○								K6
	SEKW 421TN 421FN 422TN 422FN	SEKW 120304TN 120304FN 120308TN 120308FN	0.500	0.125	0.217	-	0.016 0.031	20°	-	-	○								
	(Use ISO Part Number)	SDKW 1204AESN 1204AETN	0.500	0.187	0.217	X= R0.039 Z= 0.059	15°	20°	45°				○					-	
	SEKW 43AFTN	SEKW 1204AFTN				X= R0.020 Z= 0.067	20°	25°		○			○	○				-	
	(Use ISO Part Number)	SDMT 1204AESR-H	0.500	0.187	0.217	X= R0.039 Z= 0.031	15°	20°	45°				○					-	
 Low Cutting Force	SDMT 31.81C	SDMT 09T204C	0.375	0.109	0.134	-	0.016	15°	-	-	○		●					K6	
	SEMT 421C	SEMT 120304C	0.500	0.125	0.217	-	0.016	20°	-	-			●						
	SDMT 221E-K	SDMT 060304E-K	0.250		0.110		0.016							○	○	○		K10	
	(Use ISO Part Number)	SDMT 080308E-K	0.315	0.125	0.134	-	0.016 0.031	15°	-	-				○	○	○			
	SDMT 432E-K	SDMT 120408E-K	0.500	0.187	0.173									○	○	○			
	SEKT 43AFEN-S	SEKT 1204AFEN-S	0.500	0.187	0.217	X= 0.020 Z= 0.067	20°	25°	45°	○			●						
	(Use ISO Part Number)	SEMM 09T308PESR 150408PESR	0.375 0.625	0.156 0.187	0.134 0.217	- -	0.031	20°	-	-	○					●	●	○	E51 E50 E51
	(Use ISO Part Number)	SOMT 0903AXEN-J	0.375	0.125	0.134	X= 0.020 Z= 0.043	27°	32°	45°	○									C23
	(Use ISO Part Number)	SOMW 0903AXTN 0903AXFN	0.375	0.125	0.134	X= 0.020 Z= 0.043	27°	32°	45°	○							●		

*CVD: CVD Coated Carbide *PVD: PVD Coated Carbide
*MN: MEGACOAT NANO