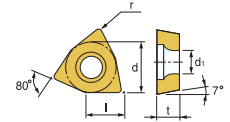


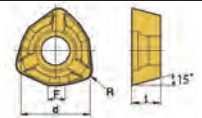


WCMT-C20/G21 Drilling Insert



Designation	ISO	Coated Carbide										Uncoated Carbide		(inch)					Applicable Cutter	
		PM10C	PM25C	PM30C	PM30P	PM35P	PM40P	KM20C	MM30P	MT30P	SM20P	PM20U	KTM10U	l	d	t	r	d1	Cutter	Page No.
WCMT 1.81.52-C20	030208		146242 \$ 21.11									146537 \$ 16.44	0.149	7/32	3/32	1/32	0.110	MAX DRILL E156-160		
WCMT 21.52-C20	040208		146237 \$ 21.16										0.169	1/4	3/32	1/32	0.118			
WCMT 2.522-C20	050308		146236 \$ 22.56										0.212	5/16	5/16	1/32	0.134			
WCMT 32.52-C20	06T308		146235 \$ 22.56									146539 \$ 17.52	0.256	3/8	5/32	1/32	0.157			
WCMT 432-C20	080408		146855 \$ 27.58										0.342	1/2	3/16	1/32	0.169			
WCMT 433-C20	080412		146000 \$ 27.58									146563 \$ 21.48	0.342	1/2	3/16	3/64	0.169			

WDKT

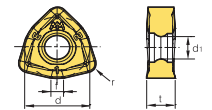


Designation	Coated Carbide						Cermet		Ceramic	Uncoated Carbide		(inch)					Applicable Cutter		
	PM10C	PM25C	PM30P	PM35P	PM40P	KM10P	MM30P	PT20S	PT30S	S300	PM20U	PTM30U	d	t	F	r	Cutter	Page No.	
WDKT 080316 ZDSR-MH						146261 \$ 18.94	146267 \$ 18.94						0.315	1/8	3/64	1/16	HFPA HFPC E118	E118	
WDKT 10T320 ZDSR-MH						146271 \$ 26.84	146274 \$ 26.84						0.394	3/32	0.059	0.079			E118
WDKT 130520 ZDSR-MH						146275 \$ 37.57	148623 \$ 37.57						0.531	7/32	0.083	0.079			

WNMX

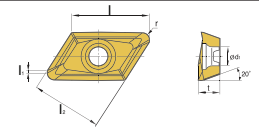
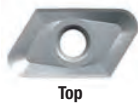


Features
Excellent geometries for a variety of materials



Designation	Coated Carbide								Uncoated Carbide		(inch)					Applicable Cutter		
	PTM50P	PM25C	PM30P	PM35P	PM40P	KM20C	MM30P	PC9530	SM20P	PM20U	KTM10U	d	t	r	d1	f	Cutter	Page No.
WNMX09T316ZNN-M	145640 \$ 29.55						146891 \$ 28.75					0.375	0.156	0.063	0.142	0.067	HFNA	E120
WNMX130520ZNN-M	145675 \$ 46.38									147080 \$ 37.04		0.500	0.219	0.079	0.185	0.098	HFNC	E121

XEKT-MA



Designation		Coated Carbide							Uncoated Carbide		(inch)					Applicable Cutter		
		PT10C	PT20C	PT30C	PM10P	MT20C	MT30P	KT05C	KT10C	PT20U	KTM10U	l	l2	l1	t	r	d1	Cutter
XEKT 19M504FR-MA	A									145610 \$ 49.56	0.709	0.646	0.055	0.197	1/64	0.173	End Mill AME-X Face Mill AMFM-X	E147
XEKT 19M508FR-MA	A									145611 \$ 49.56	0.709	0.646	0.039	0.197	1/32	0.173		
XEKT 19M512FR-MA	A									146367 \$ 48.17	0.709	0.646	0.024	0.197	3/64	0.173		
XEKT 19M516FR-MA	A									145612 \$ 48.17	0.689	0.646	0.020	0.197	1/16	0.173		
XEKT 19M520FR-MA	A									146368 \$ 48.17	0.689	0.646	0.020	0.197	0.079	0.173		
XEKT 19M530FR-MA	A									146369 \$ 49.56	0.689	0.646	0.028	0.197	0.118	0.173		
XEKT 19M532FR-MA	A									145613 \$ 48.17	0.689	0.646	0.020	0.197	1/8	0.173		
XEKT 19M540FR-MA	B									146370 \$ 48.17	0.650	0.646	0.020	0.197	0.157	0.173		
XEKT 19M550FR-MA	B									146375 \$ 48.17	0.630	0.646	0.016	0.197	0.197	0.173		