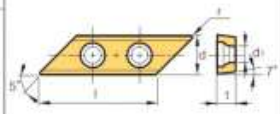
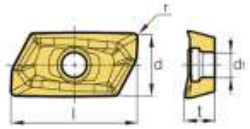
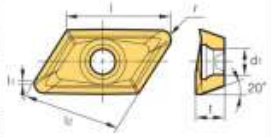
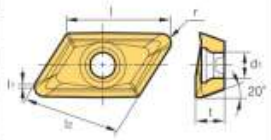
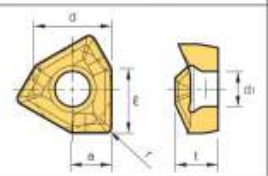
Workpiece		CN2000	CN30	NC5330	NCM535	NCM545	PC3700	PC6510	PC9530	PC9540	PC5300	PC5400	PD2000	PD1010	ST30A	G10	H01	H05
Steel	P	●	⧗	●	●	●	⧗				⧗	✱			⧗			
Stainless steel	M								⧗	✱	⧗	✱						
Cast iron	K			⧗	●	●		●			⧗	✱				⧗	●	●
Non-ferrous metal	N												●	✱			●	⧗
Heat resistant alloy, Titanium alloy	S										⧗	✱						
Hardened steel	H										⧗	✱						

Machining types

● Continuous cutting
⧗ General cutting
✱ Interrupted cutting

Inserts	Designation	Cermet		Coated											Uncoated				Dimensions (mm)								Geometries	Available tools
		CN2000	CN30	NC5330	NCM535	NCM545	PC3700	PC6510	PC9530	PC9540	PC5300	PC5400	PD2000	PD1010	ST30A	G10	H01	H05	l	l2	l1	d	t	r	d1	a		
XCET-KC	310404ER-KC						●								●	●			30.9	-	-	9.525	4.5	0.4	4.4	-		E339
XDET-MA new	190504PEFR-MA																	●	22	-	-	11.3	5.04	0.4	4.5	-		E368~ E370
	190508PEFR-MA																●	●	22	-	-	11.3	5.00	0.8	4.5	-		
	190512PEFR-MA																	●	22	-	-	11.3	5.00	1.2	4.5	-		
	190516PEFR-MA																●	●	22	-	-	11.3	4.99	1.6	4.5	-		
	190520PEFR-MA																	●	22	-	-	11.3	4.97	2.0	4.5	-		
	190524PEFR-MA																	●	22	-	-	11.3	4.95	2.4	4.5	-		
	190530PEFR-MA																●	●	22	-	-	11.3	4.93	3.0	4.5	-		
	190532PEFR-MA																	●	22	-	-	11.3	4.92	3.2	4.5	-		
	190540PEFR-MA																	●	21	-	-	11.3	4.85	4.0	4.5	-		
	190550PEFR-MA																	●	21	-	-	11.3	4.81	5.0	4.5	-		
XEKT-MA	19M504FR-MA												●	●			●	●	18	16.4	1.4	-	5	0.4	4.4	-		E357~ E362
	19M508FR-MA												●	●			●	●	18	16.4	1.0	-	5	0.8	4.4	-		
	19M512FR-MA												●	●			●	●	18	16.4	0.6	-	5	1.2	4.4	-		
	19M516FR-MA													●			●	●	17.5	16.4	0.5	-	5	1.6	4.4	-		
	19M518FR-MA																		17.5	16.4	0.5	-	5	1.8	4.4	-		
	19M520FR-MA												●	●			●	●	17.5	16.4	0.5	-	5	2.0	4.4	-		
	19M530FR-MA													●			●	●	17	16.4	0.7	-	5	3.0	4.4	-		
	19M532FR-MA												●	●			●	●	17	16.4	0.5	-	5	3.2	4.4	-		
	19M540FR-MA												●	●			●	●	16.5	16.4	0.5	-	5	4.0	4.4	-		
	19M550FR-MA												●	●			●	●	16	16.4	0.4	-	5	5.0	4.4	-		
	250604FR-MA																●	●	24.5	21.9	1.5	-	6.35	0.4	6.0	-		
	250608FR-MA																●	●	24.5	21.9	1.2	-	6.35	0.8	6.0	-		
	250612FR-MA																●	●	24.5	21.9	0.8	-	6.35	1.2	6.0	-		
	250616FR-MA																		24.5	21.9	0.4	-	6.35	1.6	6.0	-		
	250620FR-MA																●	●	24	21.9	0.5	-	6.35	2.0	6.0	-		
	250630FR-MA																		23.7	21.9	0.6	-	6.35	3.0	6.0	-		
	250632FR-MA																●	●	23.7	21.9	0.4	-	6.35	3.2	6.0	-		
	250640FR-MA																		22.8	21.9	1.2	-	6.35	4.0	6.0	-		
	250650FR-MA																●	●	22.7	21.9	0.4	-	6.35	5.0	6.0	-		
XEKT-ML new	19M504ER-ML																		18	16.4	1.4	-	5	0.4	4.4	-		E357~ E362
	19M508ER-ML																		18	16.4	1.0	-	5	0.8	4.4	-		
	19M512ER-ML																		18	16.4	0.6	-	5	1.2	4.4	-		
	19M516ER-ML																		17.5	16.4	0.5	-	5	1.6	4.4	-		
	19M518ER-ML																		17.5	16.4	0.5	-	5	1.8	4.4	-		
	19M520ER-ML																		17.5	16.4	0.5	-	5	2.0	4.4	-		
	19M530ER-ML																		17	16.4	0.7	-	5	3.0	4.4	-		
	19M532ER-ML																		17	16.4	0.5	-	5	3.2	4.4	-		
	19M540ER-ML																		16.5	16.4	0.5	-	5	4.0	4.4	-		
	19M550ER-ML																		16	16.4	0.4	-	5	5.0	4.4	-		
	250604ER-ML																		24.5	21.9	1.5	-	6.35	0.4	6.0	-		
	250608ER-ML																		24.5	21.9	1.2	-	6.35	0.8	6.0	-		
	250612ER-ML																		24.5	21.9	0.8	-	6.35	1.2	6.0	-		
	250616ER-ML																		24.5	21.9	0.4	-	6.35	1.6	6.0	-		
	250620ER-ML																		24	21.9	0.5	-	6.35	2.0	6.0	-		
	250630ER-ML																		23.7	21.9	0.6	-	6.35	3.0	6.0	-		
	250632ER-ML																		23.7	21.9	0.4	-	6.35	3.2	6.0	-		
	250640ER-ML																		22.8	21.9	1.2	-	6.35	4.0	6.0	-		
	250650ER-ML																		22.7	21.9	0.4	-	6.35	5.0	6.0	-		
XNCT-MA new	080504PNFR-MA																●		8.2	-	-	10.0	5.5	0.4	4.5	2.9		E90~ E94
	080508PNFR-MA																●		8.2	-	-	10.0	5.5	0.8	4.5	2.9		
	080512PNFR-MA																●		8.2	-	-	10.0	5.5	1.2	4.5	2.9		
	080520PNFR-MA																●		8.2	-	-	10.0	5.5	2.0	4.5	2.9		
	120608PNFR-MA																●		12.0	-	-	13.0	6.5	0.8	5.5	3.5		

● : Stock item